

तमसो मा ज्योतिर्गमय

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V. 2

THE FLORA
OF THE
NILGIRI AND PULNEY HILL-TOPS
(ABOVE 6,500 FEET)

BEING THE
WILD AND COMMONER INTRODUCED FLOWERING
PLANTS

ROUND THE HILL-STATIONS OF
OOTACAMUND, KOTAGIRI AND
KODAIKANAL

With 286 full page illustrations and 4 maps

BY
P. F. FYSON, B.A., F.L.S.,
*Indian Educational Service,
Professor of Botany, Presidency College, Madras.*

VOLUME II.

M/S. BISHEN SINGH MAHENDRA PAL SINGH
New Connaught Place, Dehra Dun.

AND
M/S PERIODICAL EXPERTS
D-42, Vivek Vihar, Delhi-32

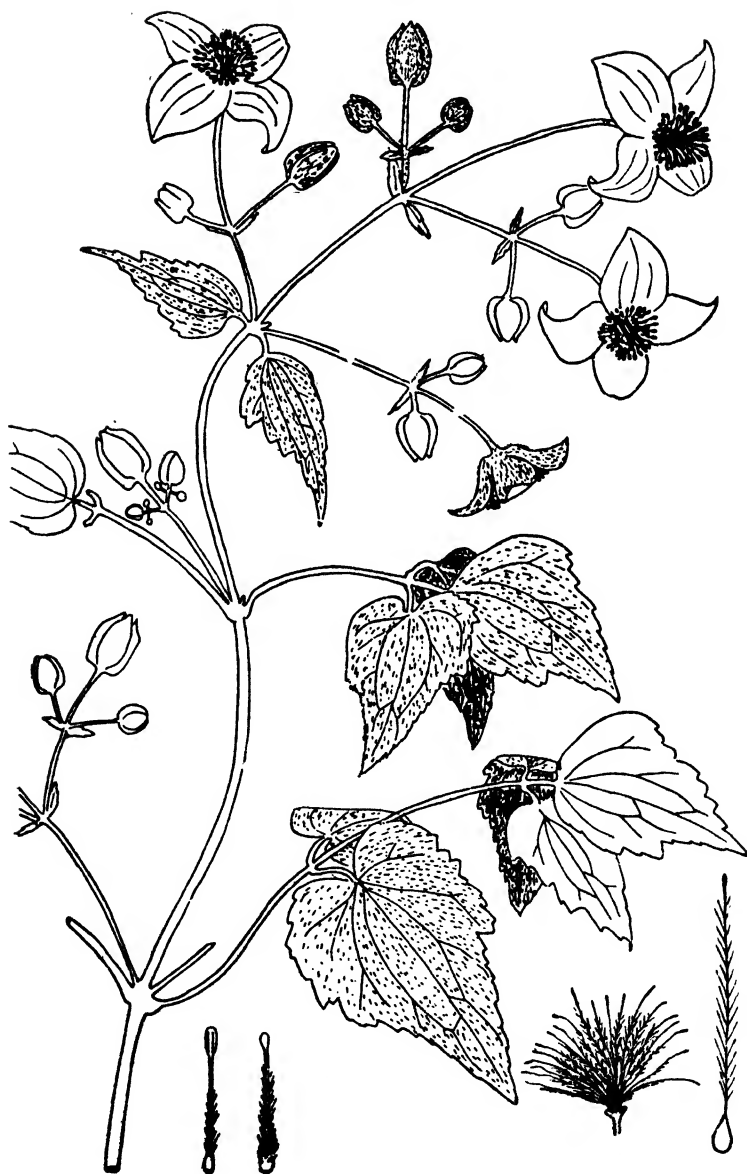
The following have not been acknowledged on the plates.

Lady Bourne [E.T.B.]	...	Nos.	84, 196, 225.
Mrs. Harrison [M.F.H.]	...	Nos.	88, 174.
Mrs. Patton [E.P.]	...	No.	114.
R. Natesan	...	Nos.	64, 82, 122, 166, 182, 199, 250.
P. F. Fyson	...	No.	69.

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RANUNCULACEÆ.



P. F. Fyson

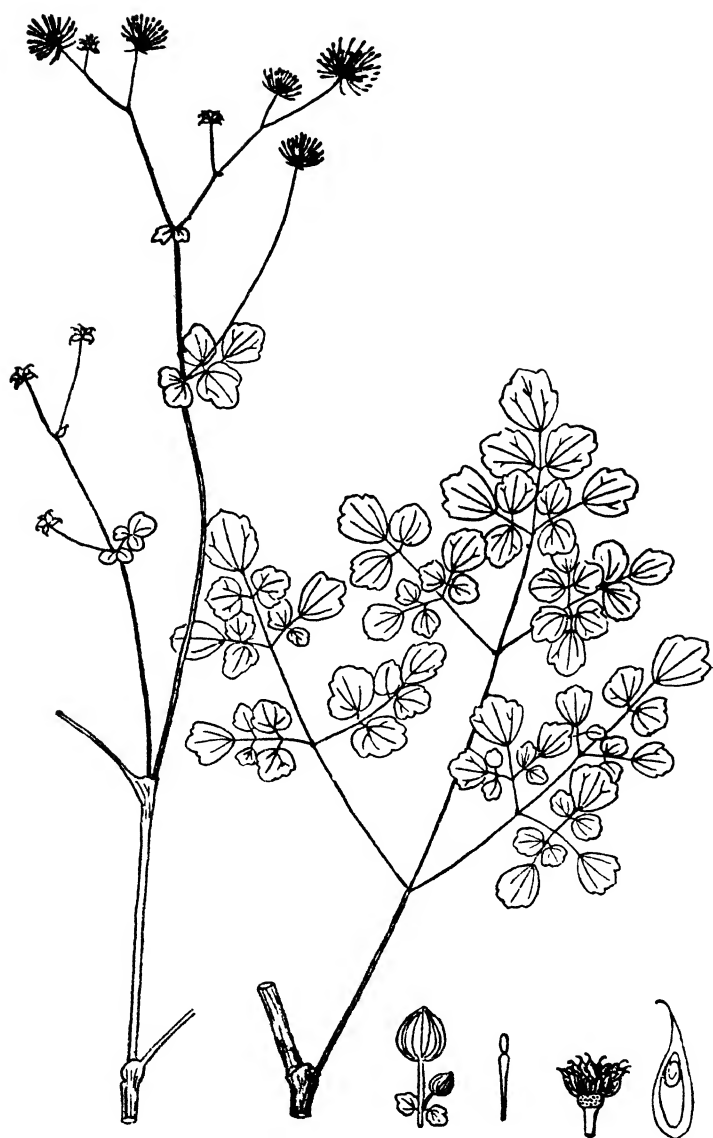
CLEMATIS WIGHTIANA Wall.

$\frac{1}{2}$ Nat

RANUNCULACEÆ.

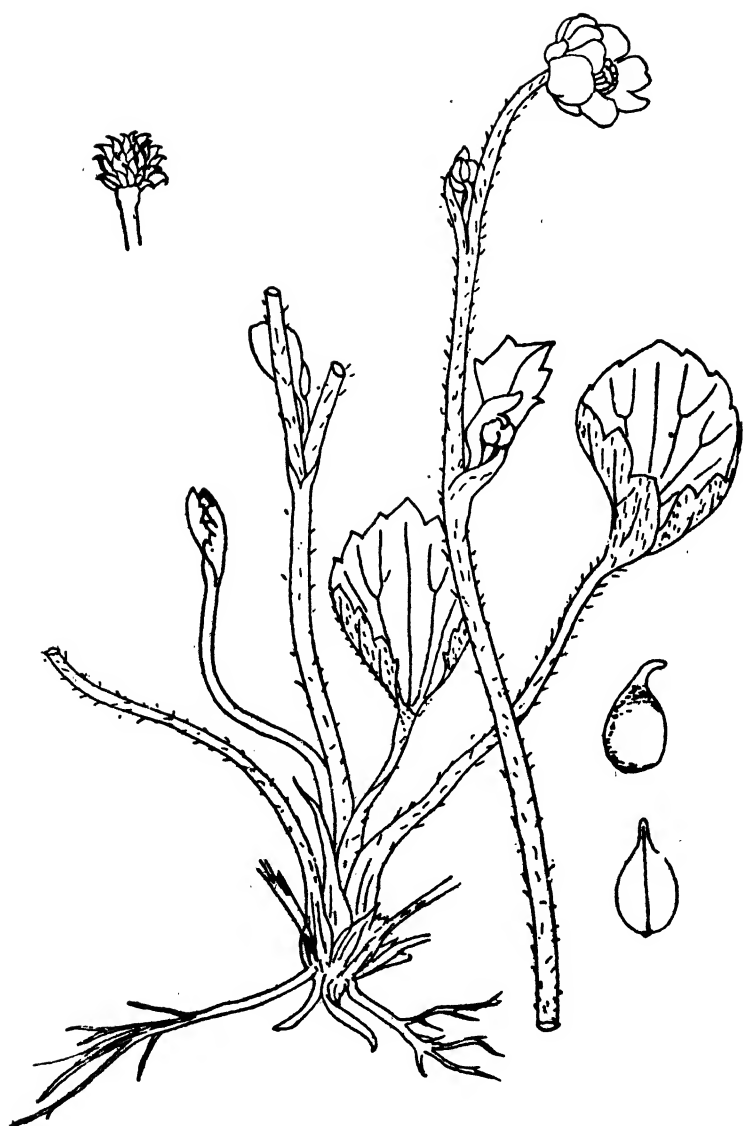


RANUNCULACEÆ.



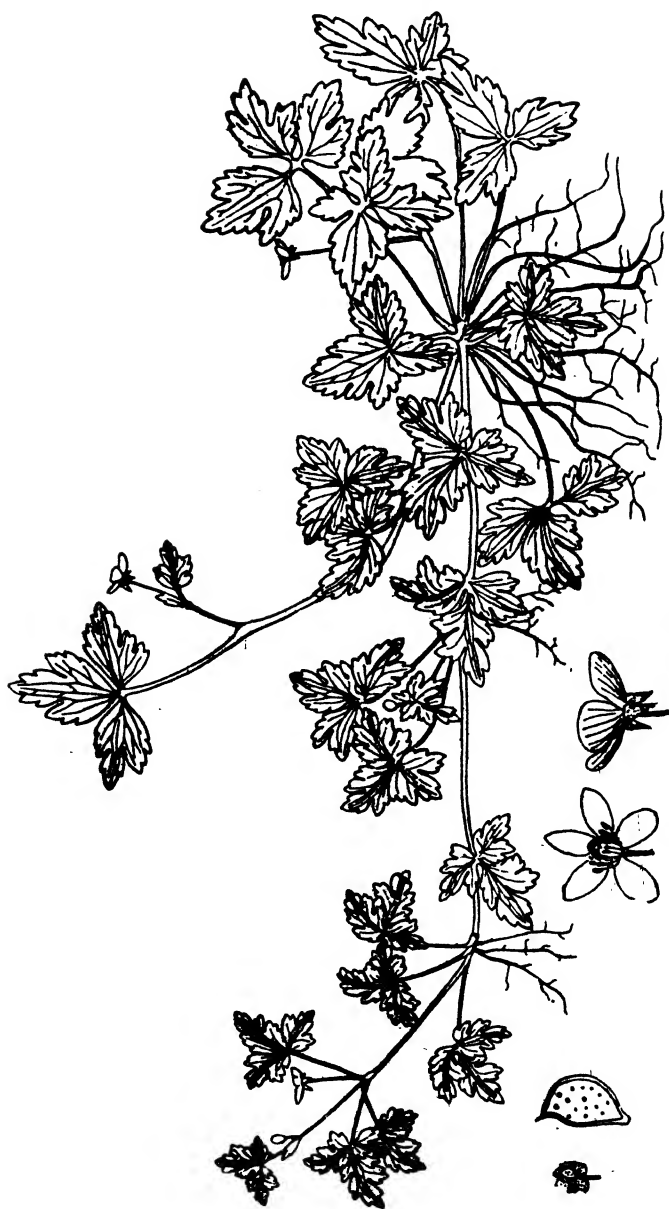
P. F. Fyson. THALICTRUM JAVANICUM *Blume.*

$\frac{1}{2}$ Nat.





R. Natesan. RANUNCULUS SUBPINNATUS W. & A. $\frac{1}{2}$ Nat.

*R. Nateson.*

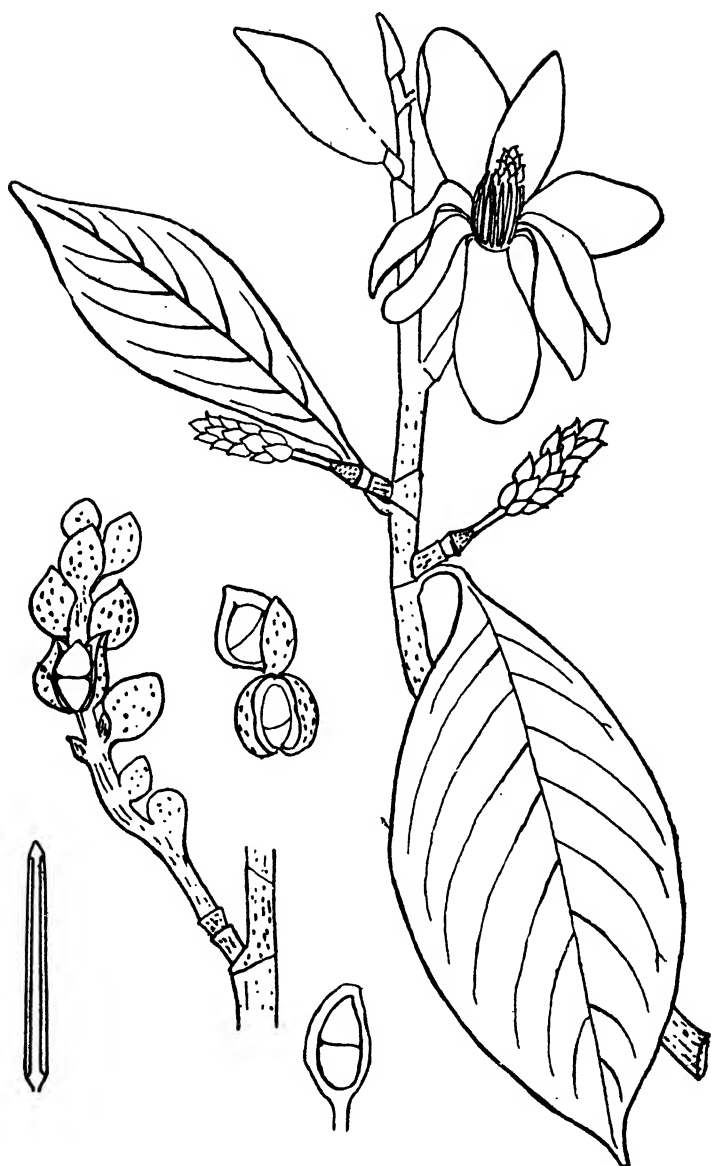
RANUNCULUS WALLICHIANUS W. & A.

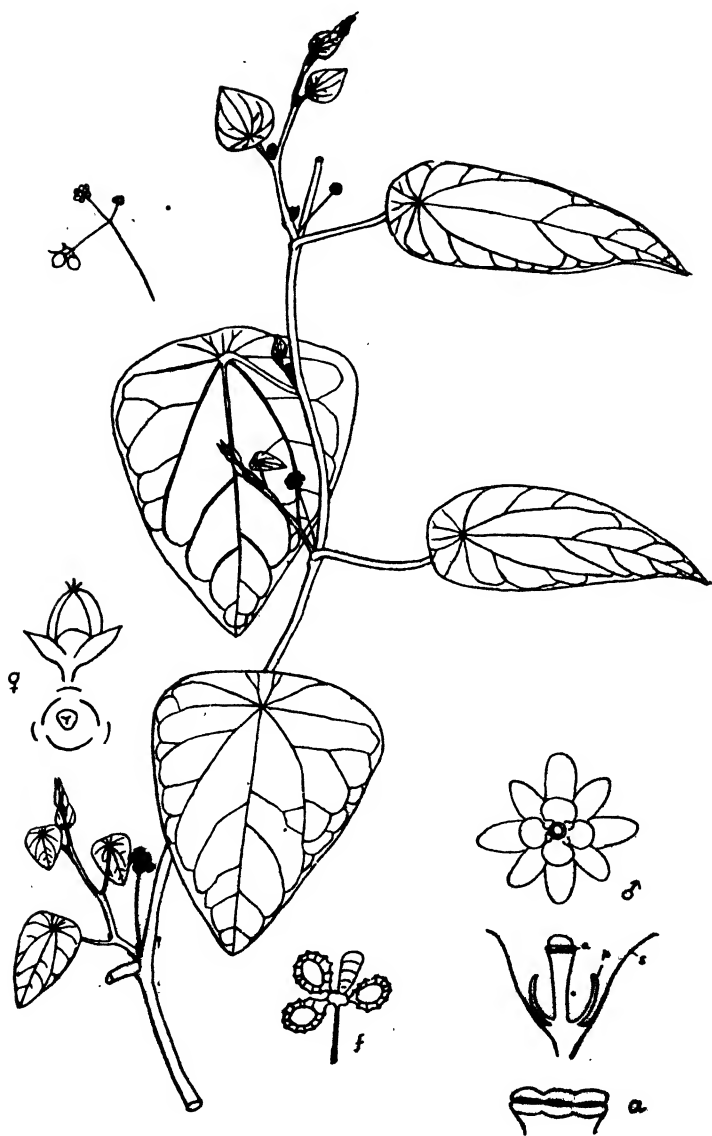
† NAL



G. Cruickshank. *RANUNCULUS MURICATUS* L.

$\frac{3}{4}$ Nat.





P. F. Fyson. STEPHANIA HERNANDIFOLIA Walp.

† Nat.



M. F. Harrison. BERBERIS TINCTORIA *Lesch.*

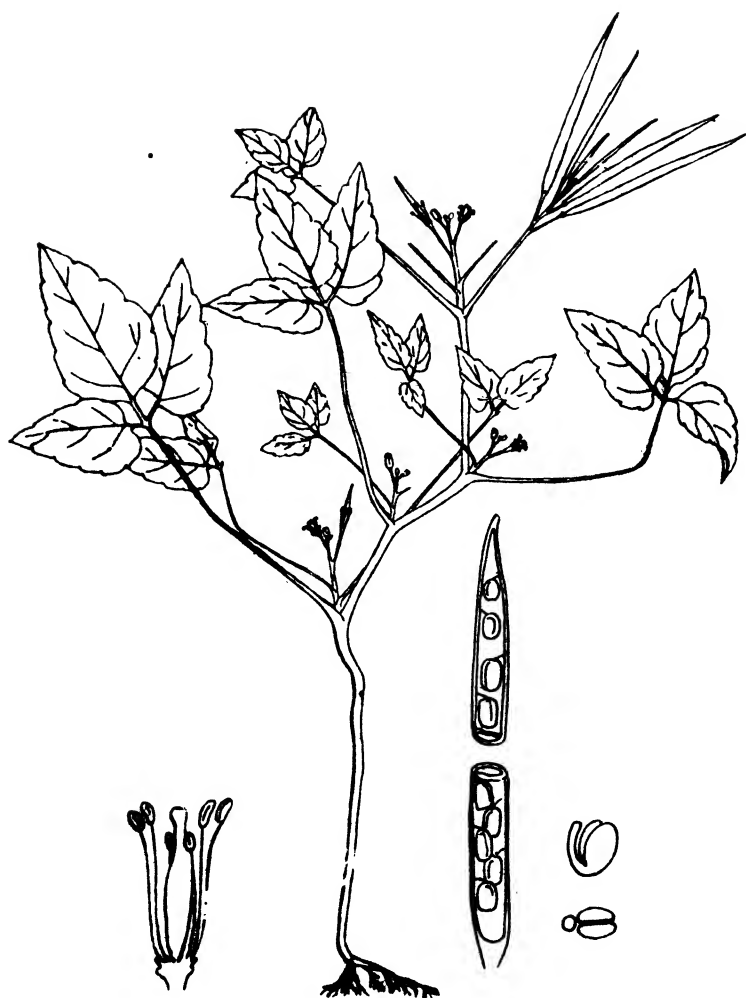
Nat. Size.





P. F. Fyson. MAHONIA LÈSCHENAUULTII Takeda.

† Nat.





P. F. Fyson.

CARDAMINE HIRSUTA L.

f. Nat

*W. Campbell*BRASSICA JUNCEA *Hf. & T.*f. *mal.*



P. F. Fyson. CAPSELLA BURSA-PASTORIS *Mærch.* Nat. Size.

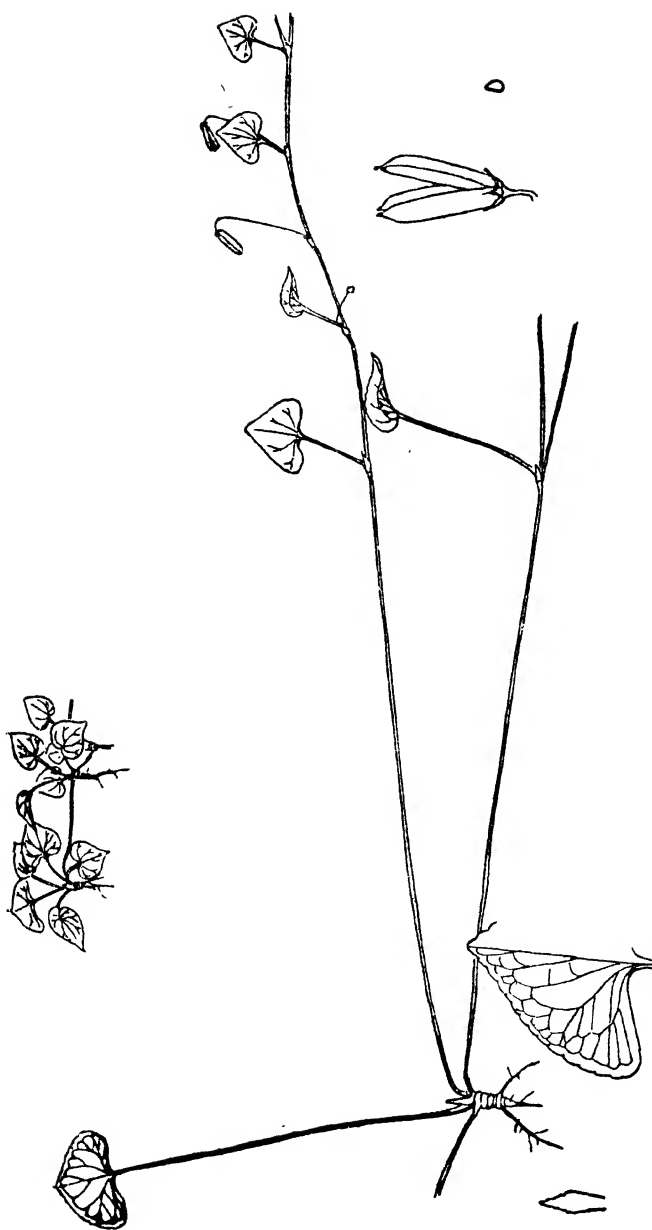


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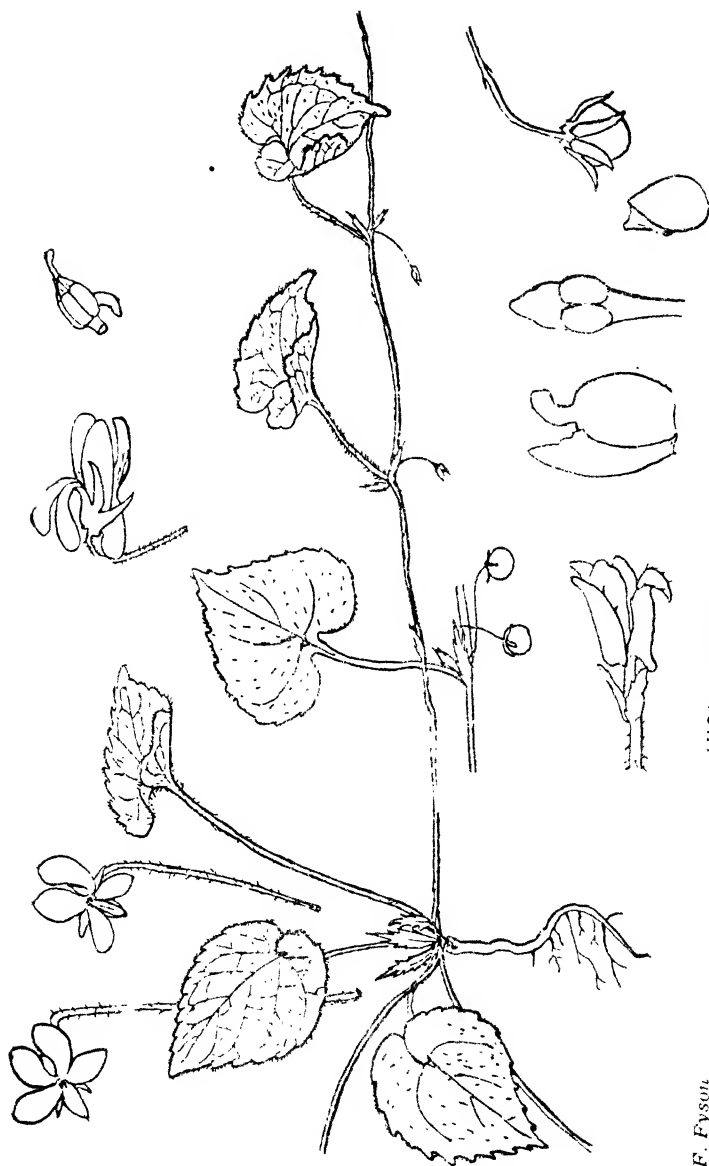
2

VIOLA PATRINII DC.

$\frac{2}{3}$ Nat.

*VIOLA DISTANS* Wall.

P. F. Fyson.



3 Nat.

VIOLA SERPENS Wall.

P. F. Fyson



P. F. Fyson. PITTOSPORUM TETRASPERMUM W. & A. $\frac{1}{2}$ Nat.



R. Natesan. *POLYGALA ARILLATA* *Hamil.*

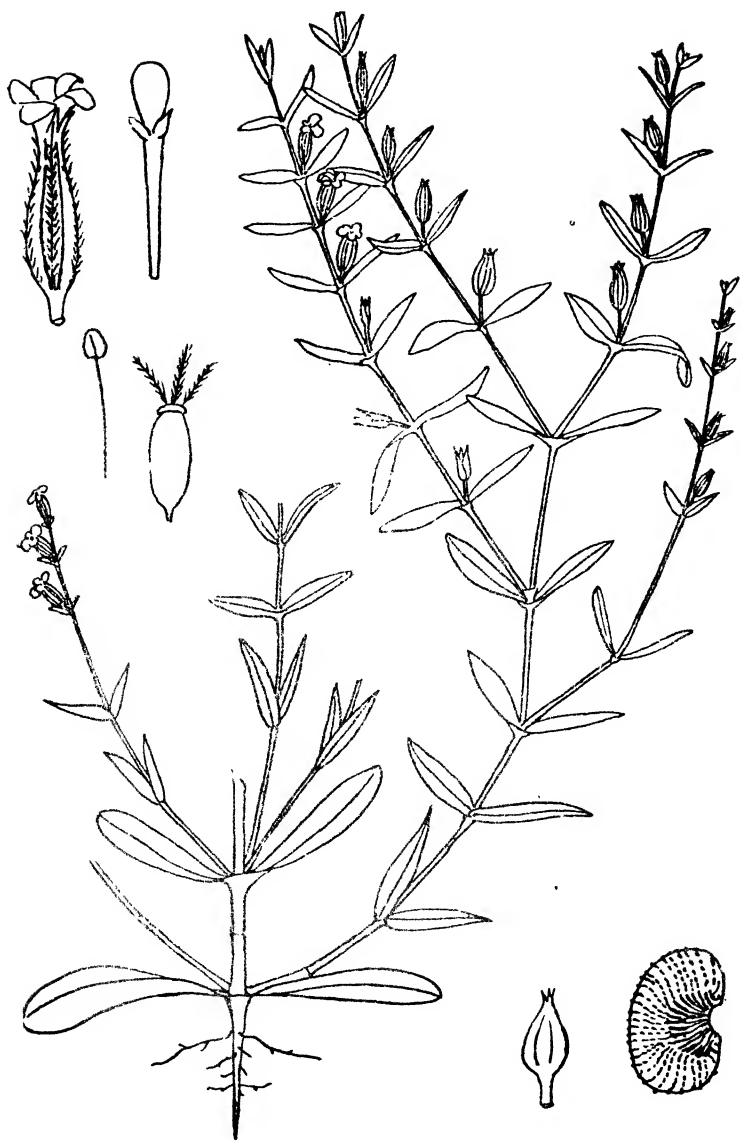




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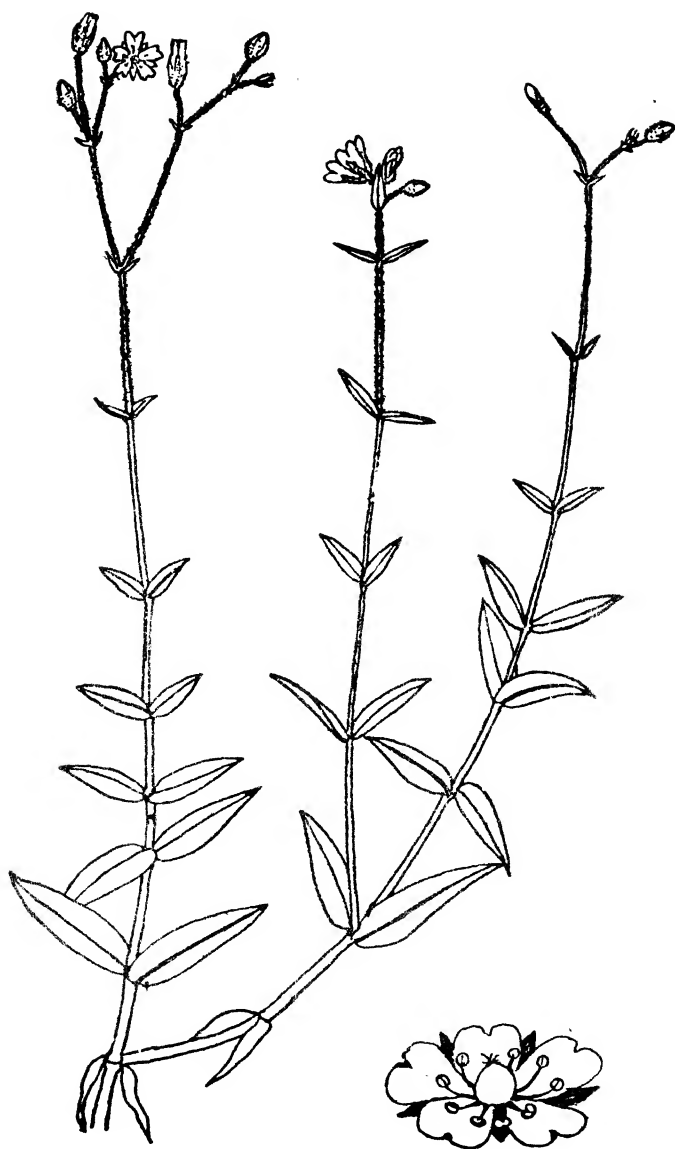
POLYGALA SIBIRICA L.

E. T. Bourne.

*P. F. Fyson.*

SILENE GALLICA L.

 $\frac{3}{4}$ Nat.

*R. Natesan.*

CERASTIUM INDICUM W. & A.

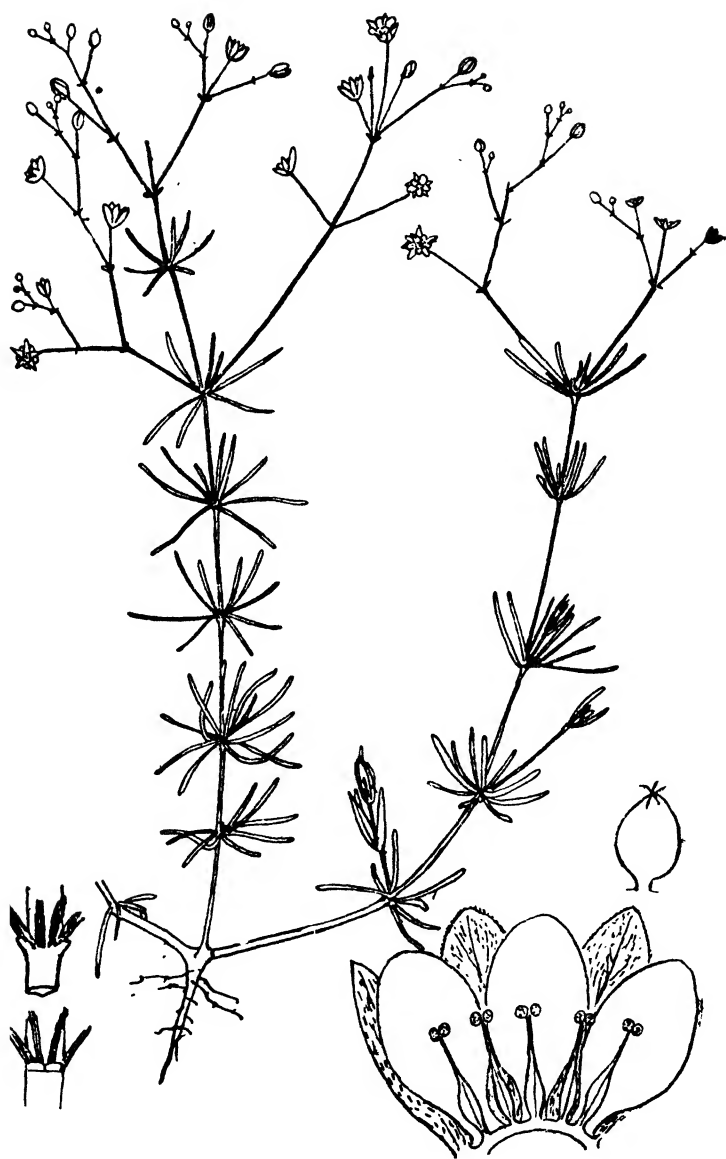
Nat. Size.



R. Natesan.

CERASTIUM VULGATUM, L.
VAR GLOMERATA.

$\frac{1}{2}$ Nat.

*R. Natesan.*

SPERGULA ARVENSIS L.

 $\frac{1}{2}$ Nat.

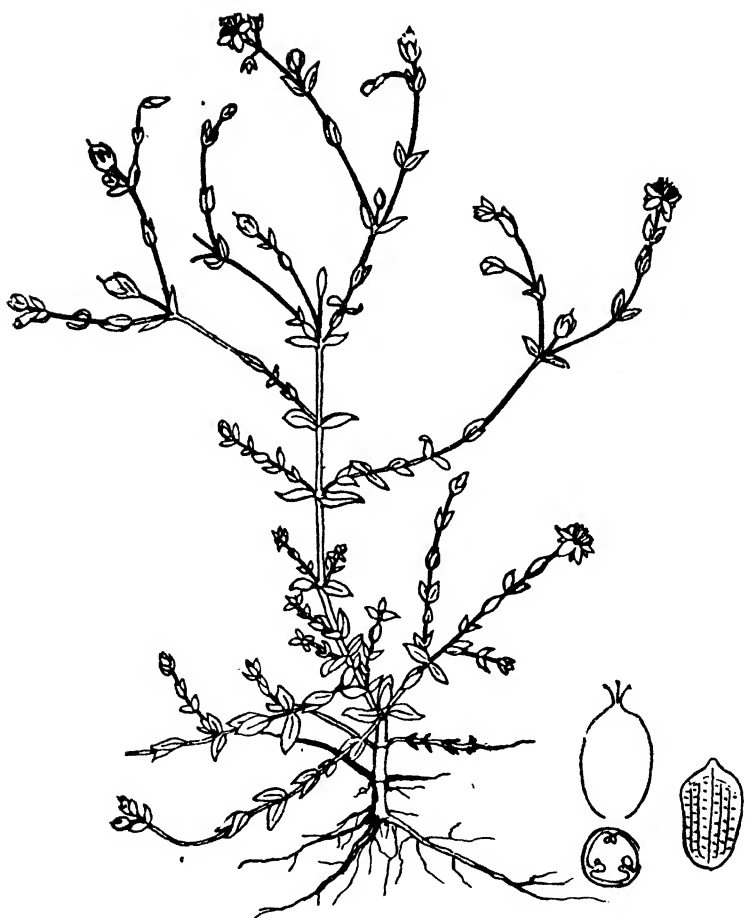


E. T. Bourne. *HYPERICUM MYSORENSE* *Heyne.* $\frac{2}{3}$ Nat.



R. Natesan. HYPERICUM HOOKERIANUM W. & A. $\frac{1}{2}$ Nat.







R. Natesan. TERNSTRØEMIA JAPONICA *Thunb.*

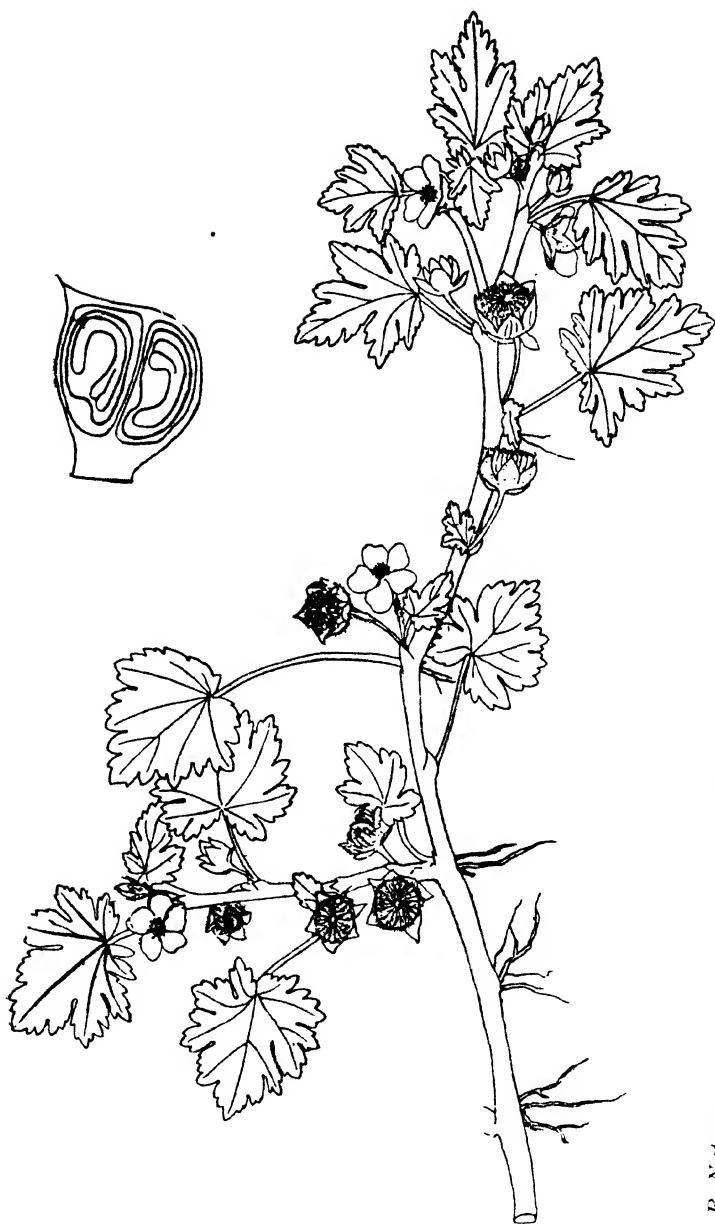


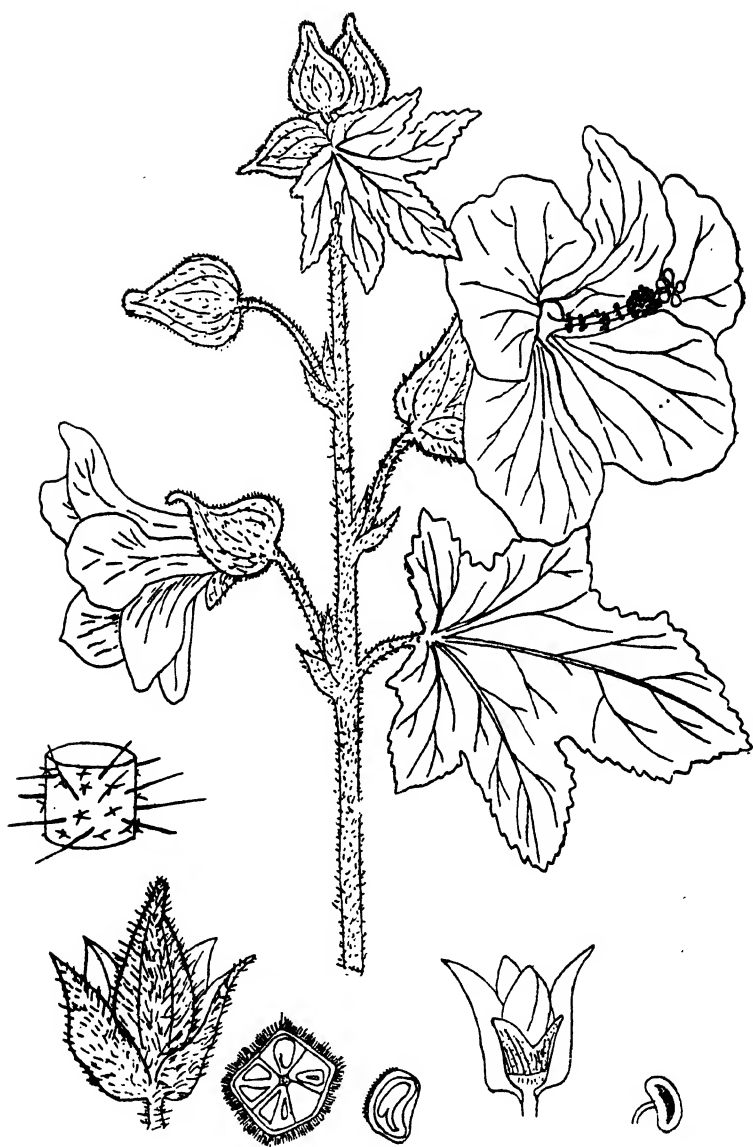
R. Natesan.

EURYA JAPONICA Thunb

$\frac{1}{2}$ Na



*MODIOLA CAROLINIANA* L.*R. Natcsan*



N. Rowson.

HIBISCUS ANGULOSUS Mast.

† Nat.



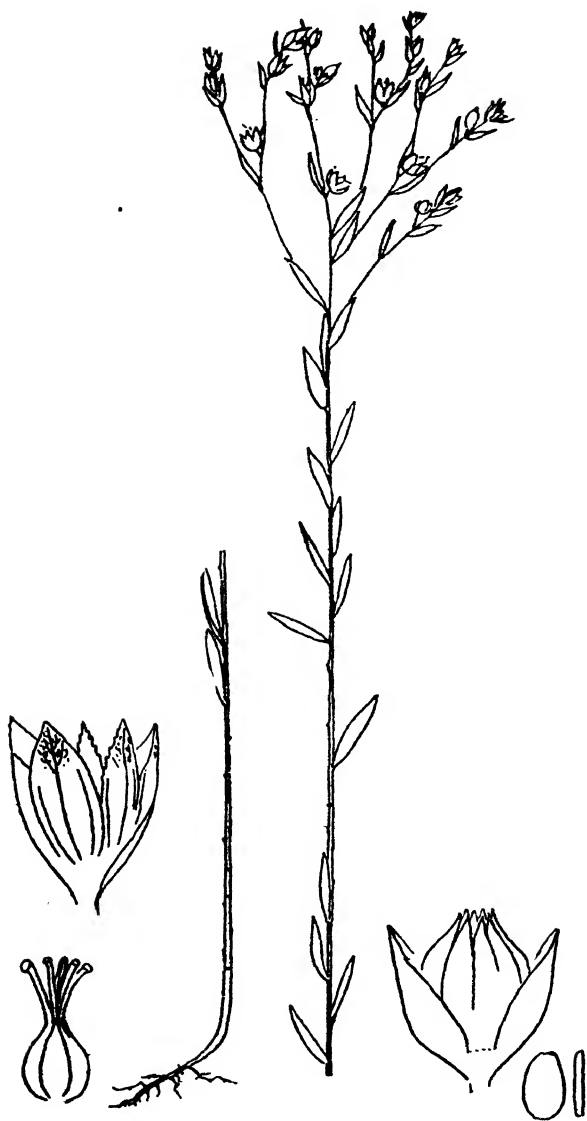
P. F. Fyson. ELÆOCARPUS OBLONGUS *Gært.*

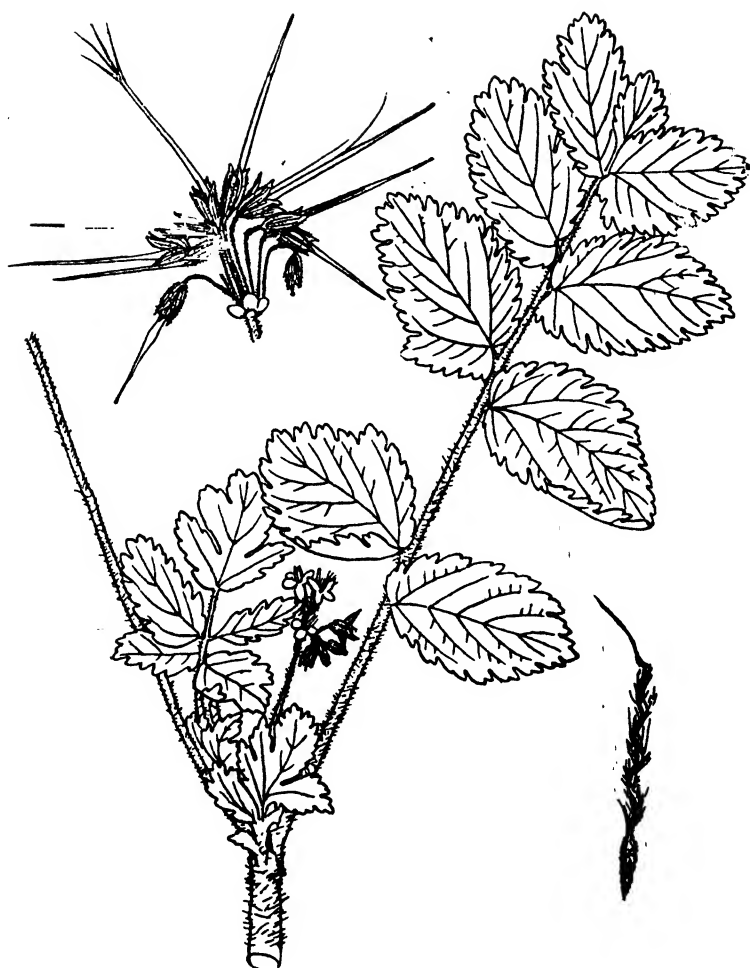


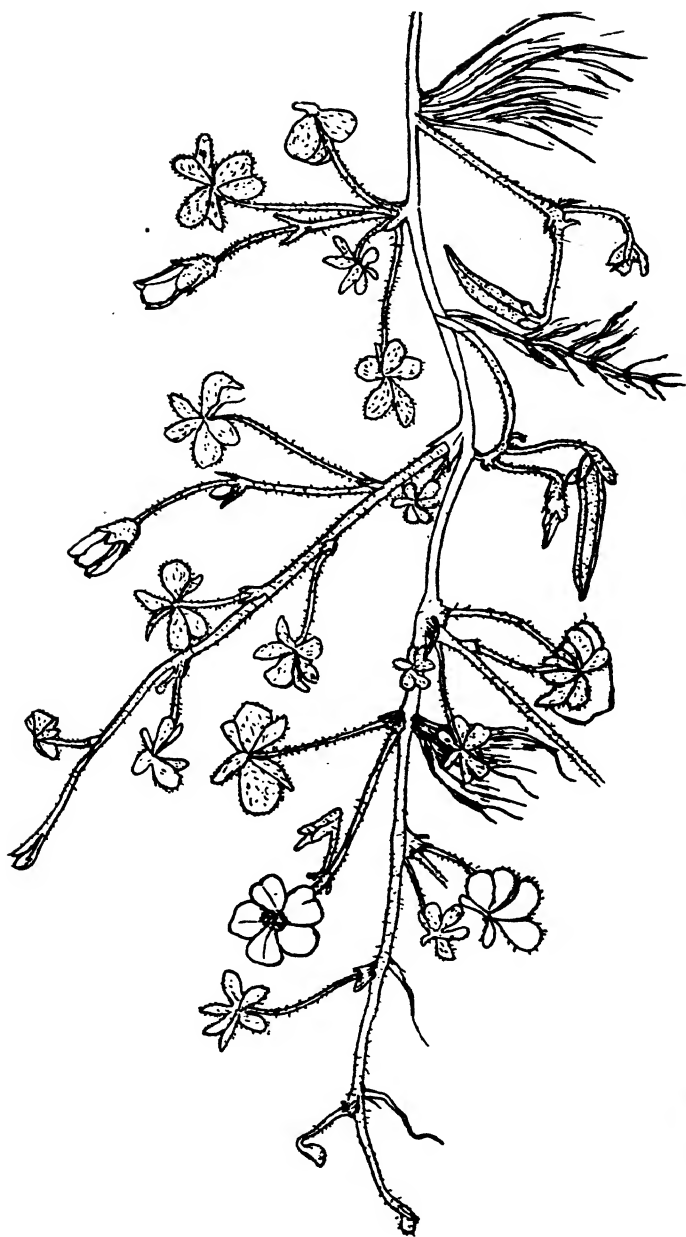
† Nat.

ELÆOCARPUS FERRUGINEUS Wt.

R. Natesan.

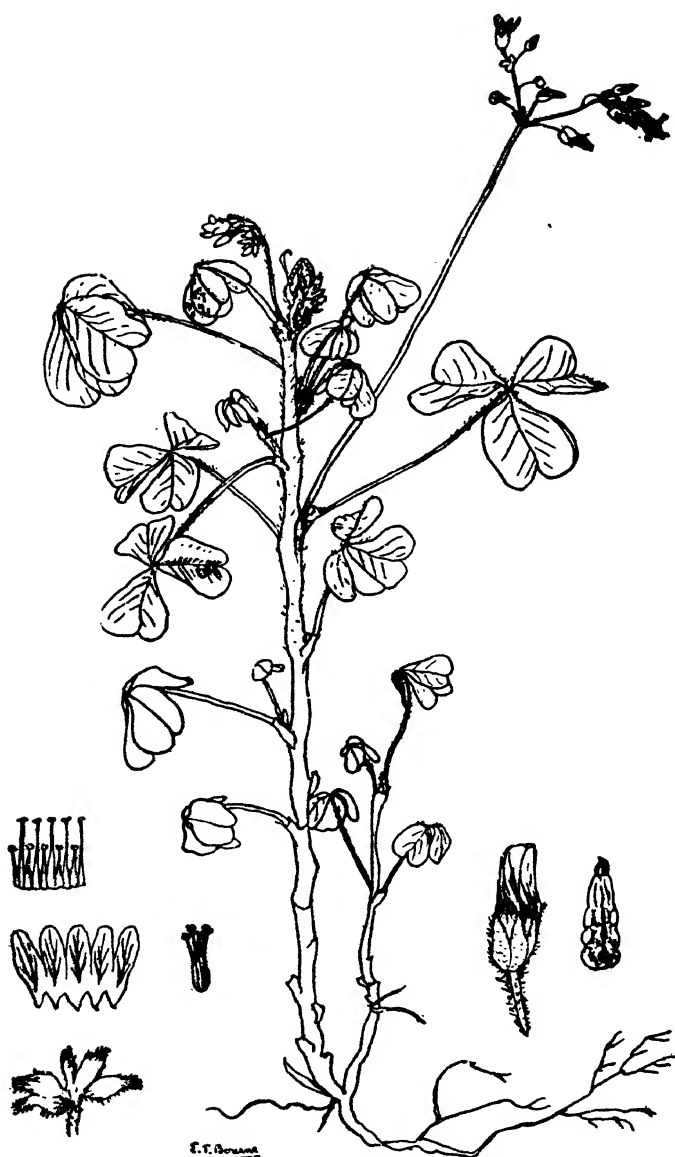




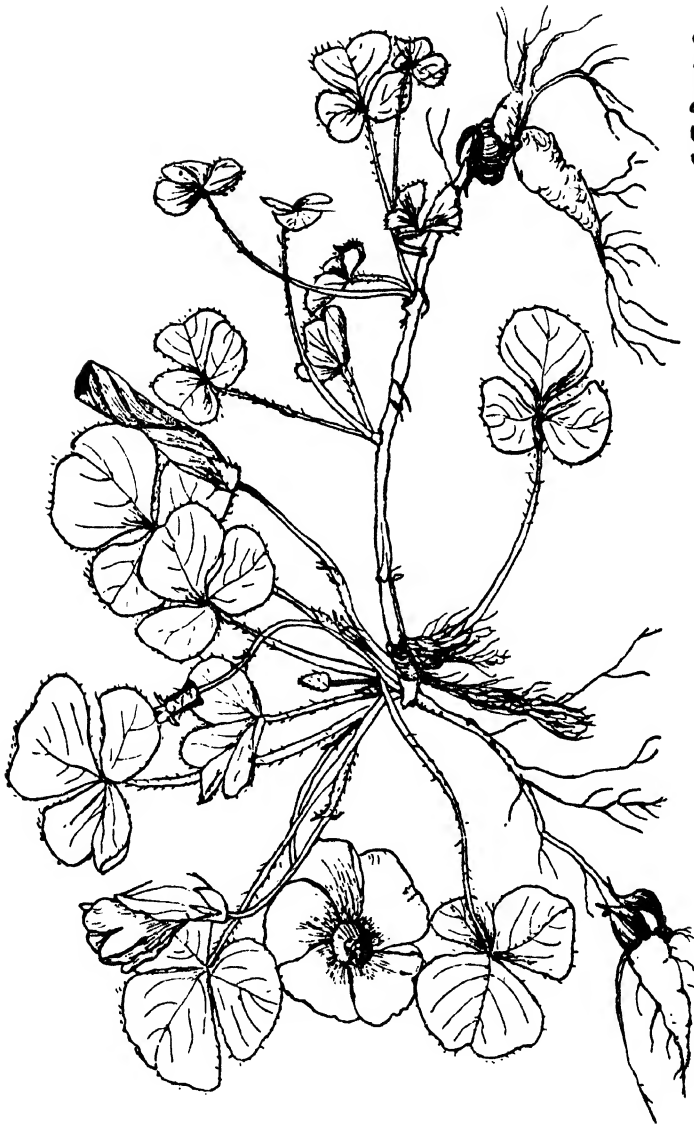


OXALIS CORNICULATA L.

E. T. Bourne.



OXALIS PUBESCENS H.B.&K.

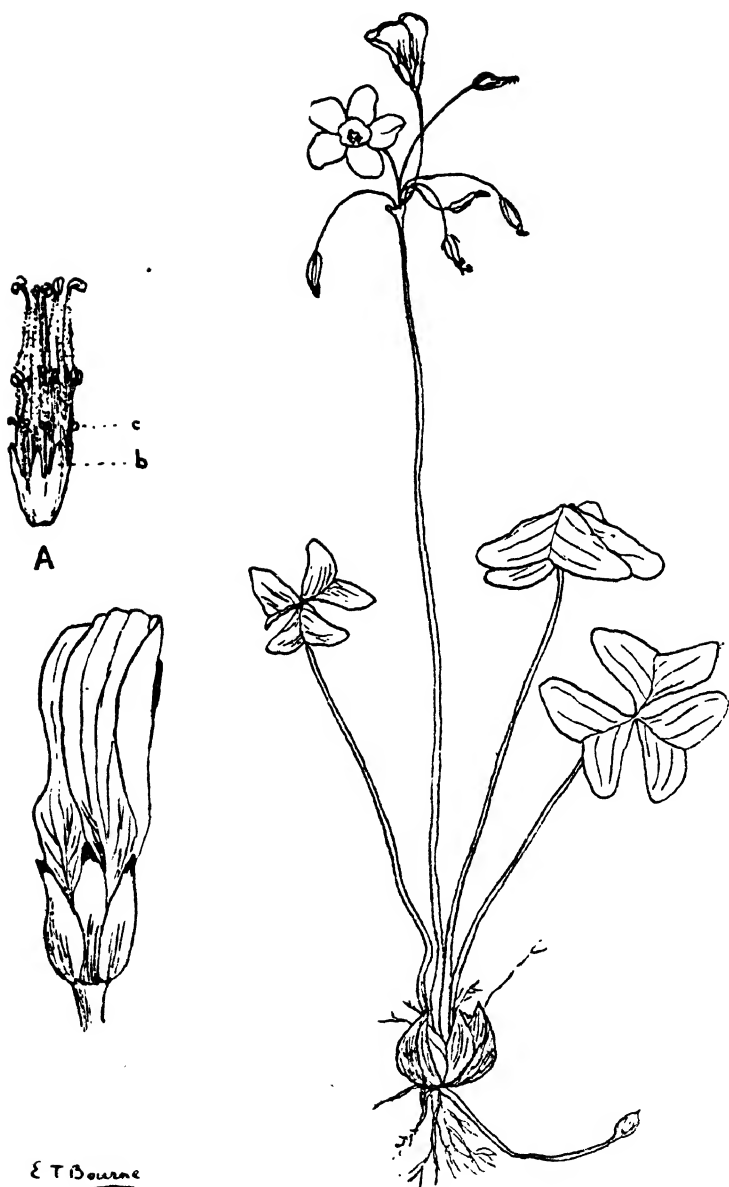


E. T. Donnell.

OXALIS VARIABILIS Lindl.

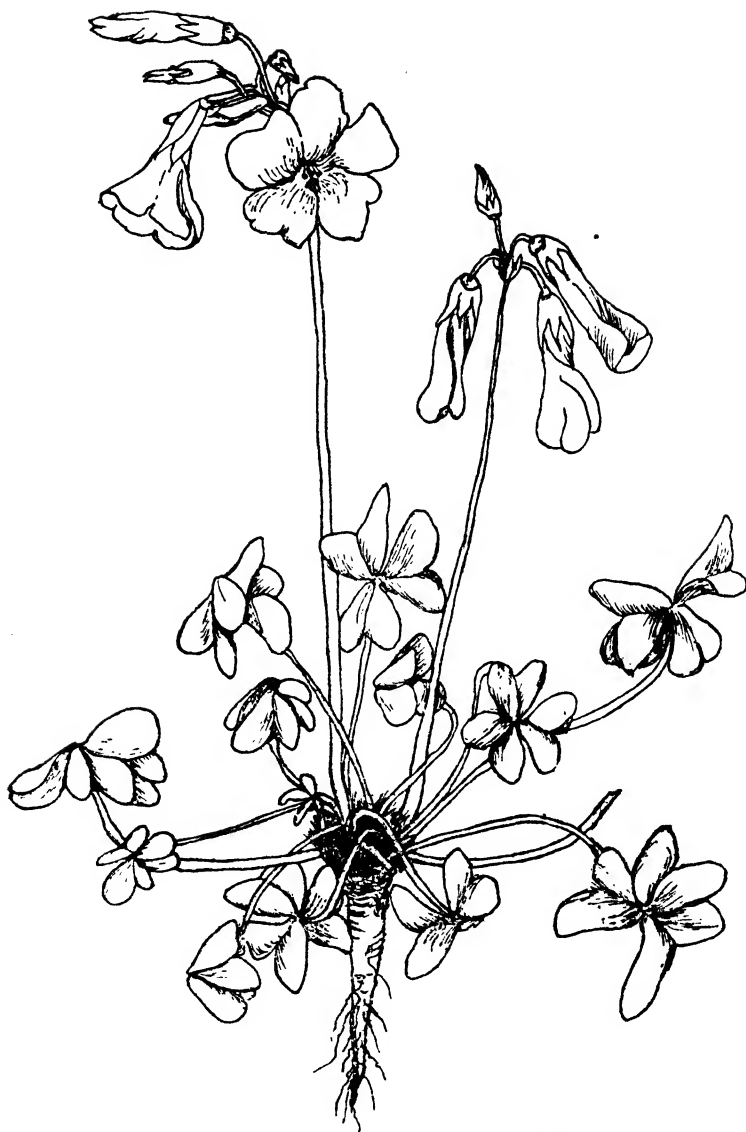


OXALIS TETRAPHYLLA Car.



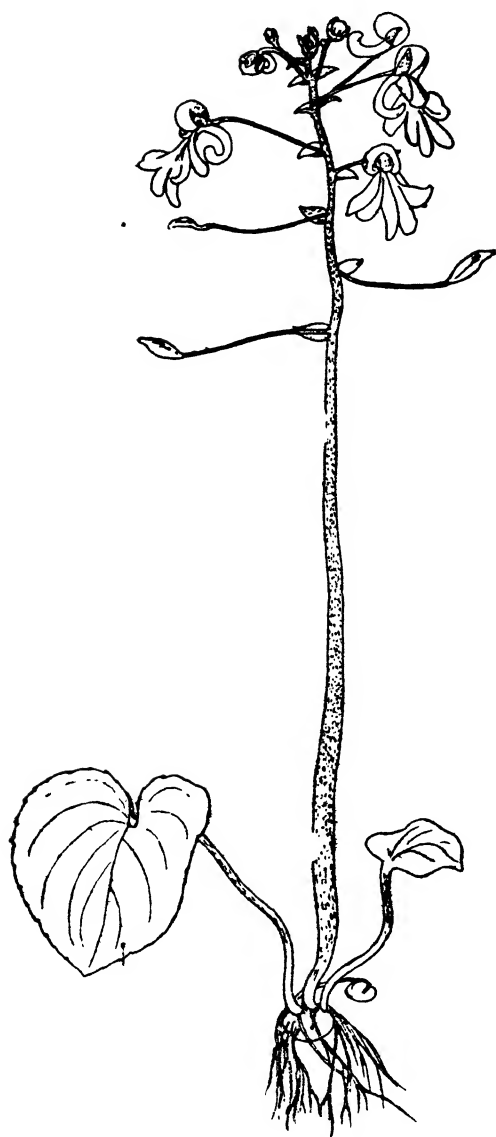
ET Bourne

OXALIS LATIFOLIA HB. & K.



OXALIS PES CAPRÆ L.

Kera Bourne.

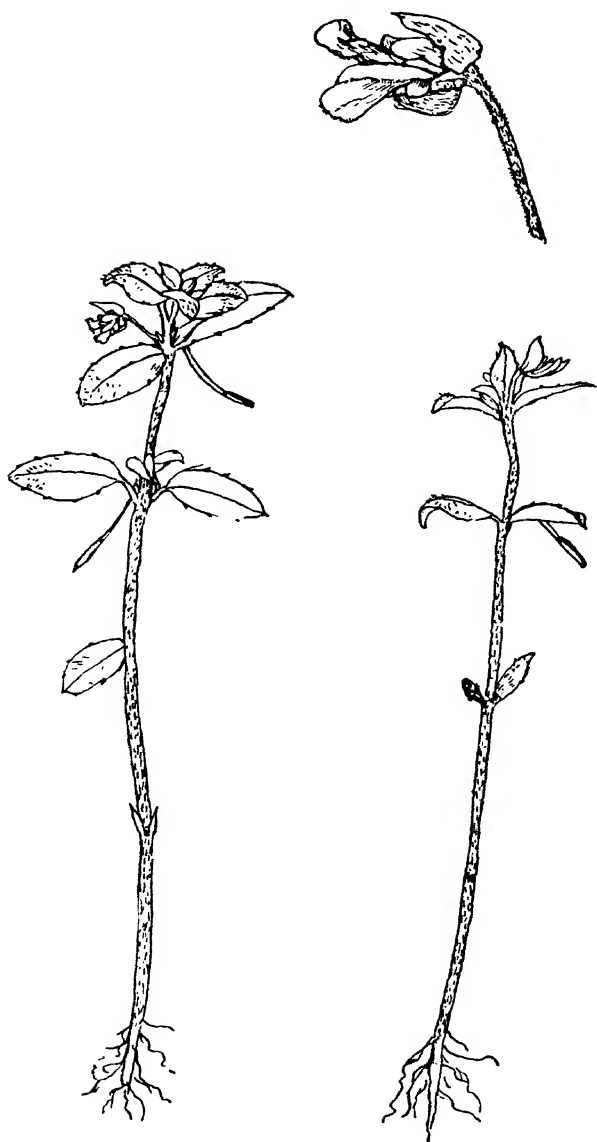




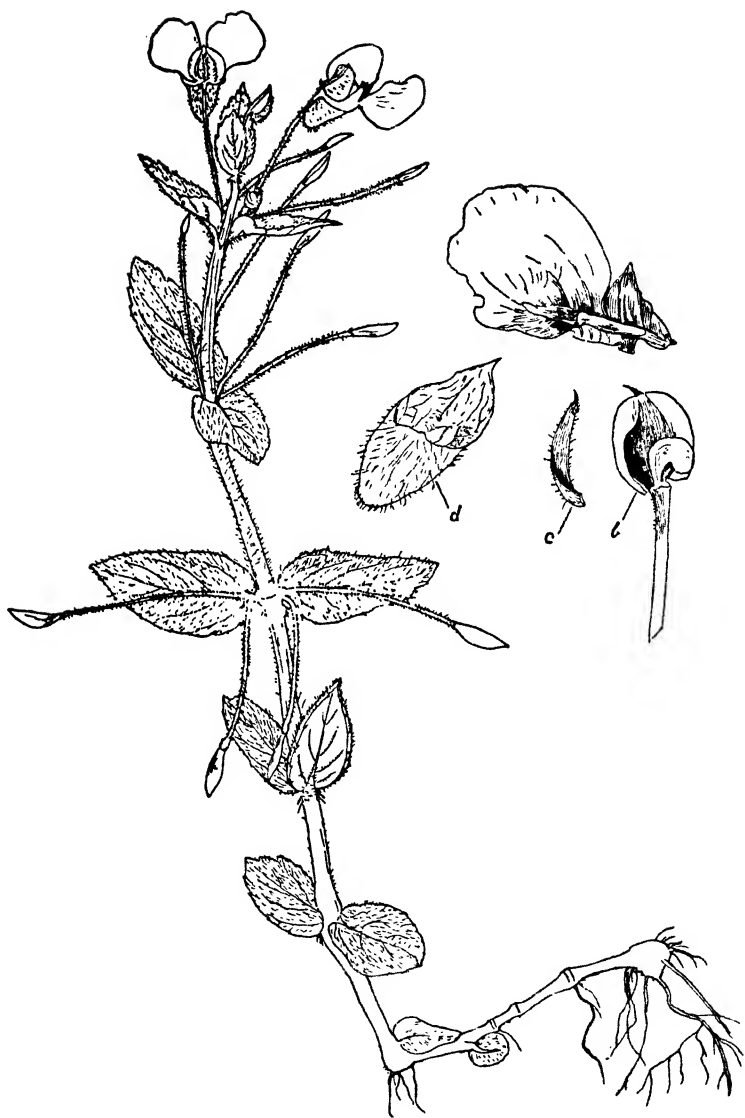


A. Lawley.

IMPATIENS CHINENSIS L

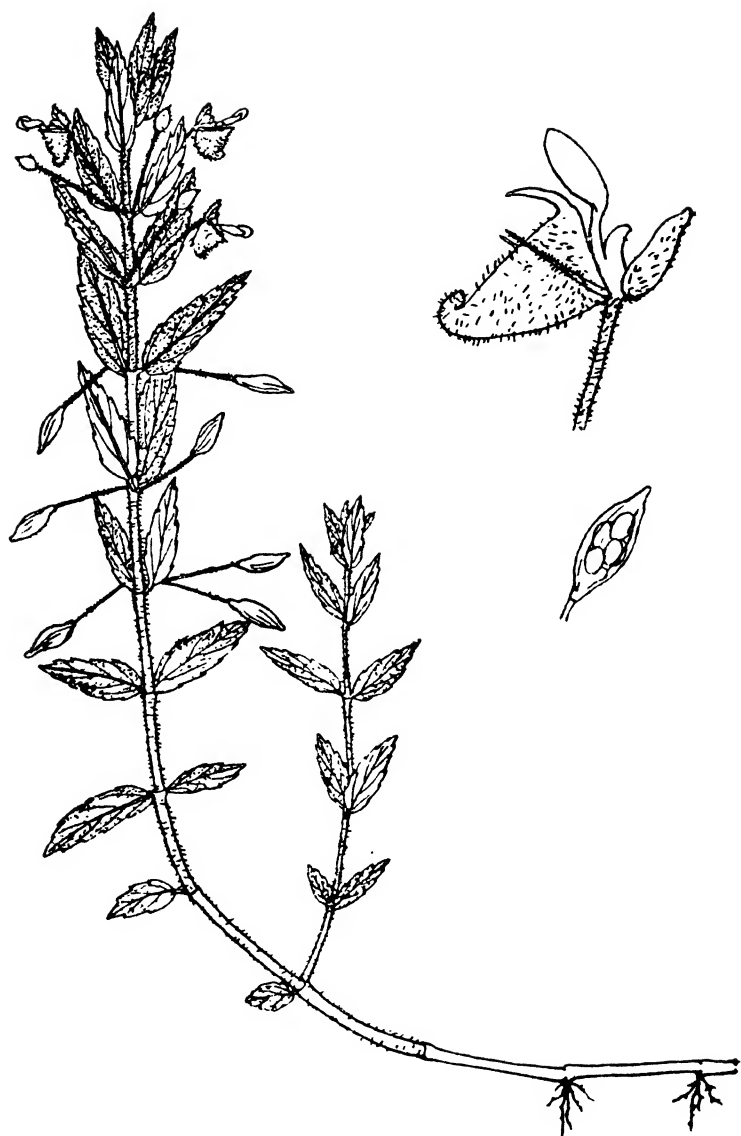


E. T. Bourne. *IMPATIENS INCONSPICUA Benth.*



E. T. Bourne. IMPATIENS RUFESCENS *Benth.*

Nat.



P.F.F. IMPATIENS TOMENTOSA Heyne 32



E. T. Bourne del

IMPATIENS LESCHENAULTII *Wall.*

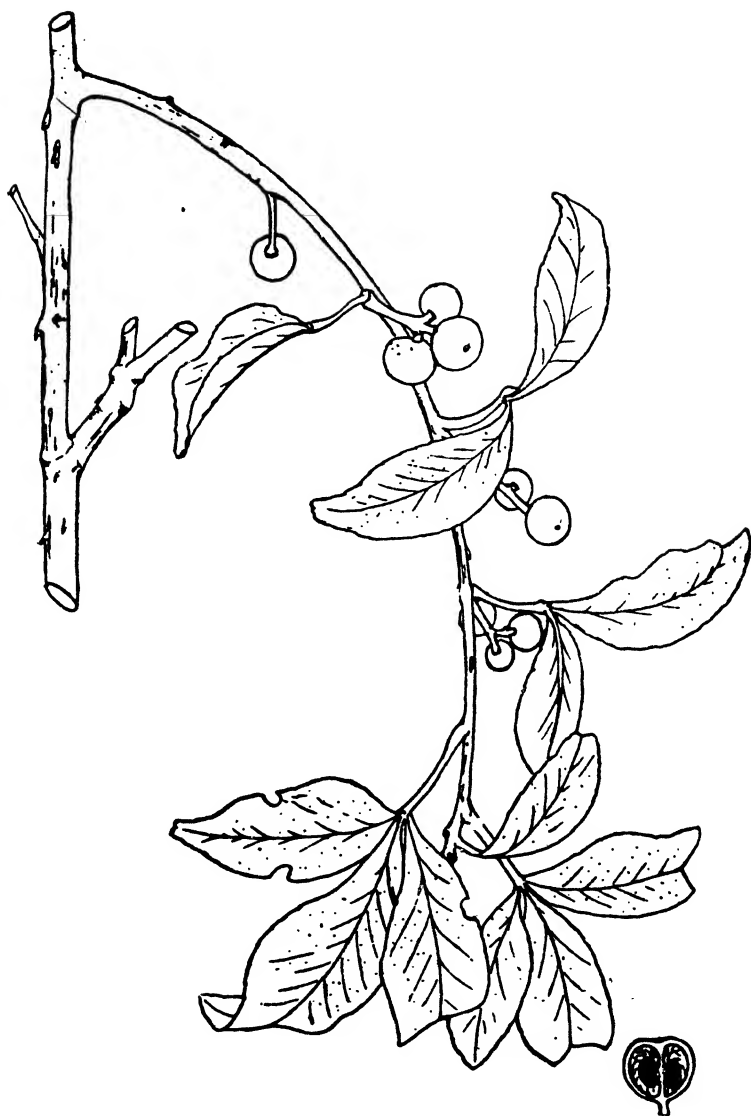




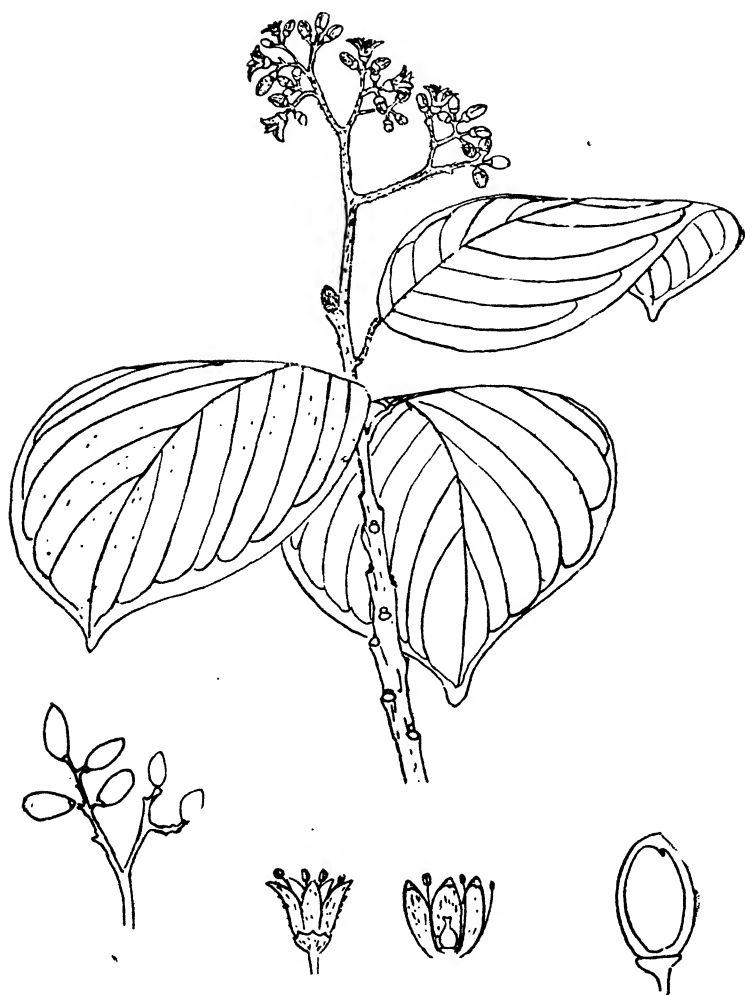
After Wight.

IMPATIENS GOUGHII Wight.

*DRF.,...**IMPATIENS PHŒNICEA B. & H.*



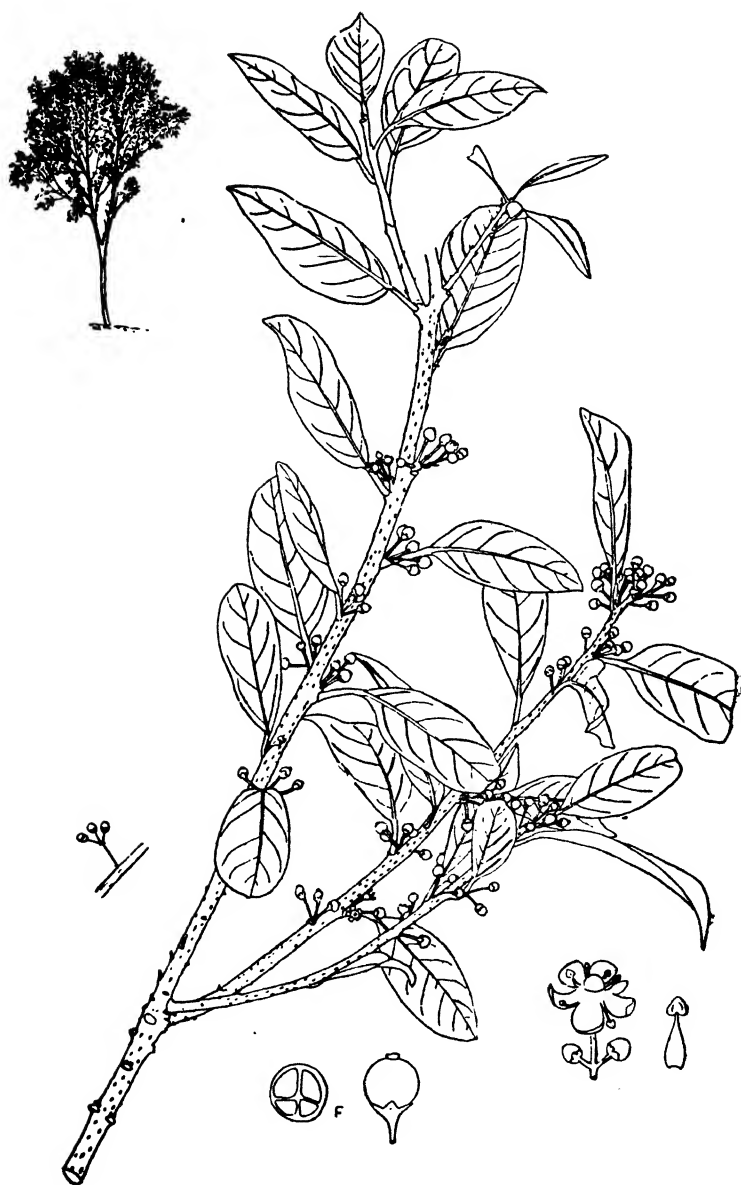
M. F. Harrison. *TODDALIA ACULEATA Pers.*



P. F. Fyson

MAPPIA FOETIDA

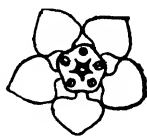
Miers



R. Natesan

ILEX WIGHTIANA

Wall

*R. Nateson**EUONYMUS CRENULATUS* Wall



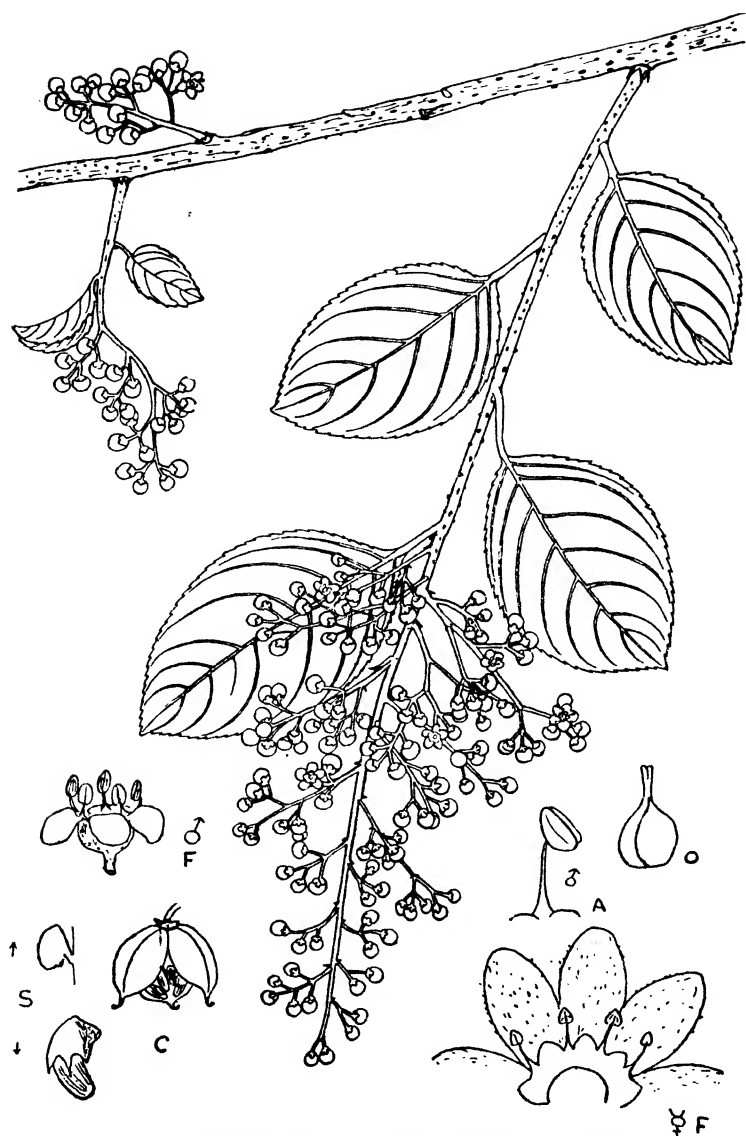
Nelson

MICROTROPIS RAMIFLORA Wight.



F. T. B. M. M. M.

MICROTROPIS OVALIFOLIA Wt



CELASTRUS

PANICULATA

Willd.

RHAMNUS VIRGATUS *Roxb.*



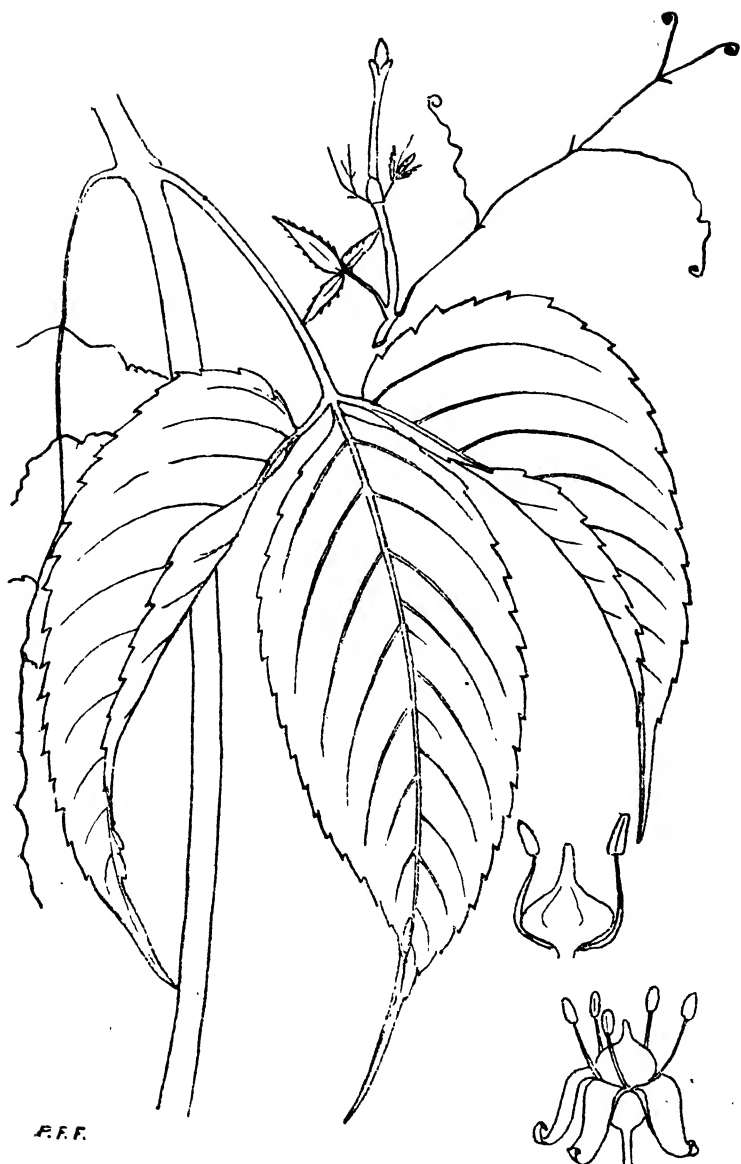
E. T. Bourne

RHAMNUS WIGHTII W. & A.



... Natesan.

POMADERRIS LANIGERA Sims.



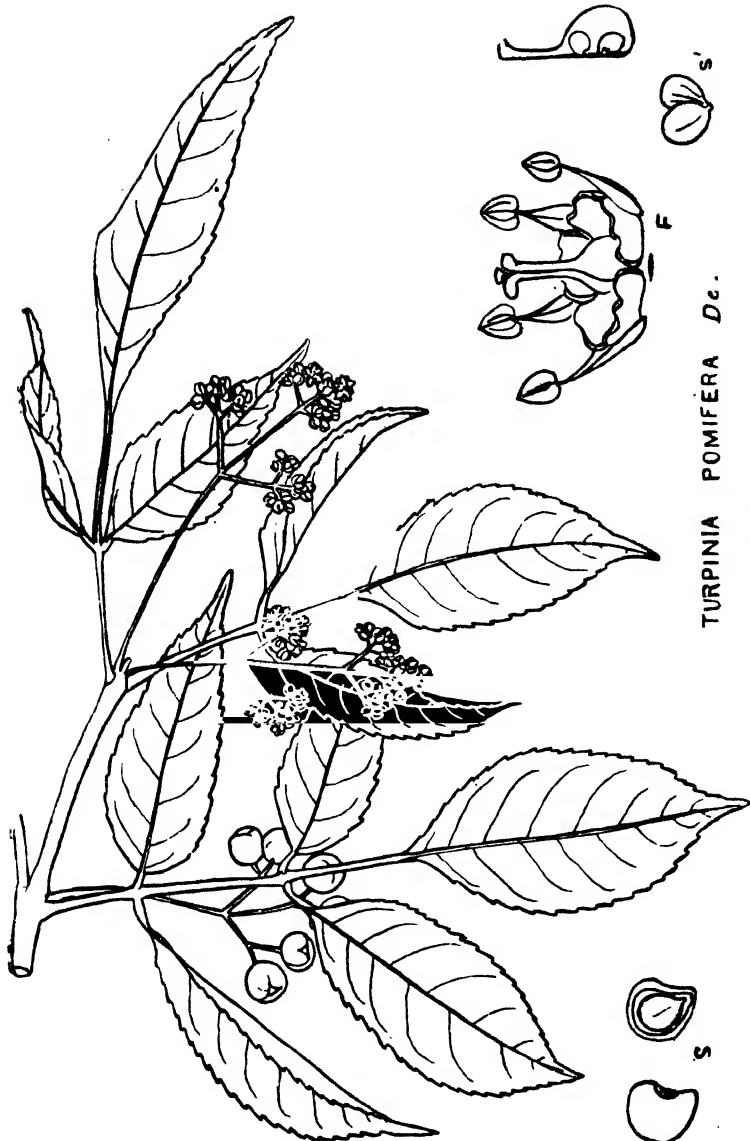
P.F.F.

VITIS ANAMALAYANA Bodd



E. T. Bourne.

DODONÆA VISCOSA L.

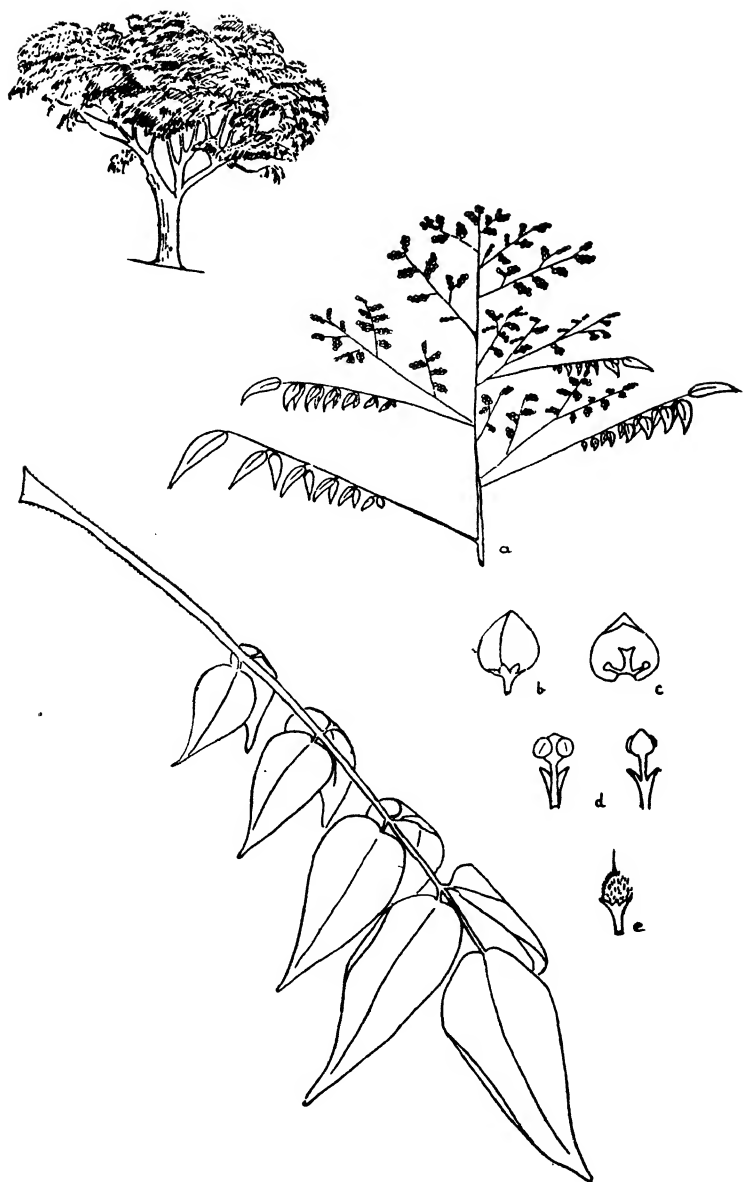


TURPINIA POMIFERA Dc.



R. Natesan.

MELIOSMA WIGHTII *Planch.*





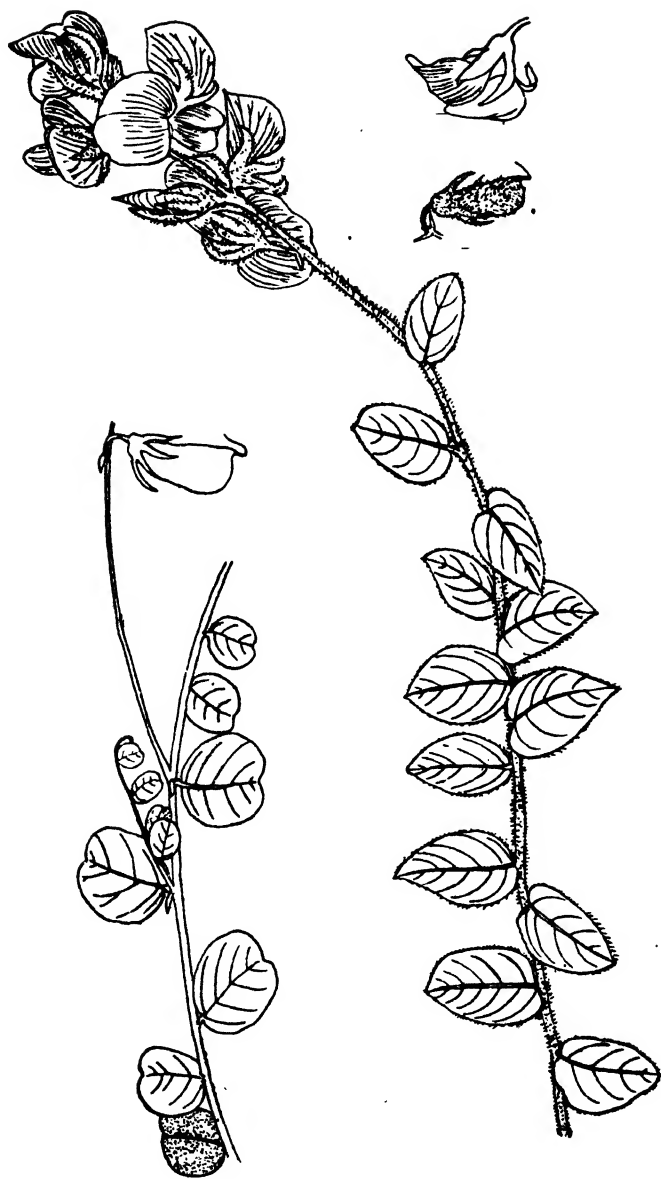
M. F. Harrison.

ULEX EUROPEÛS L.



B. T. Bourne.

CYTISUS SCOPARIUS Link.

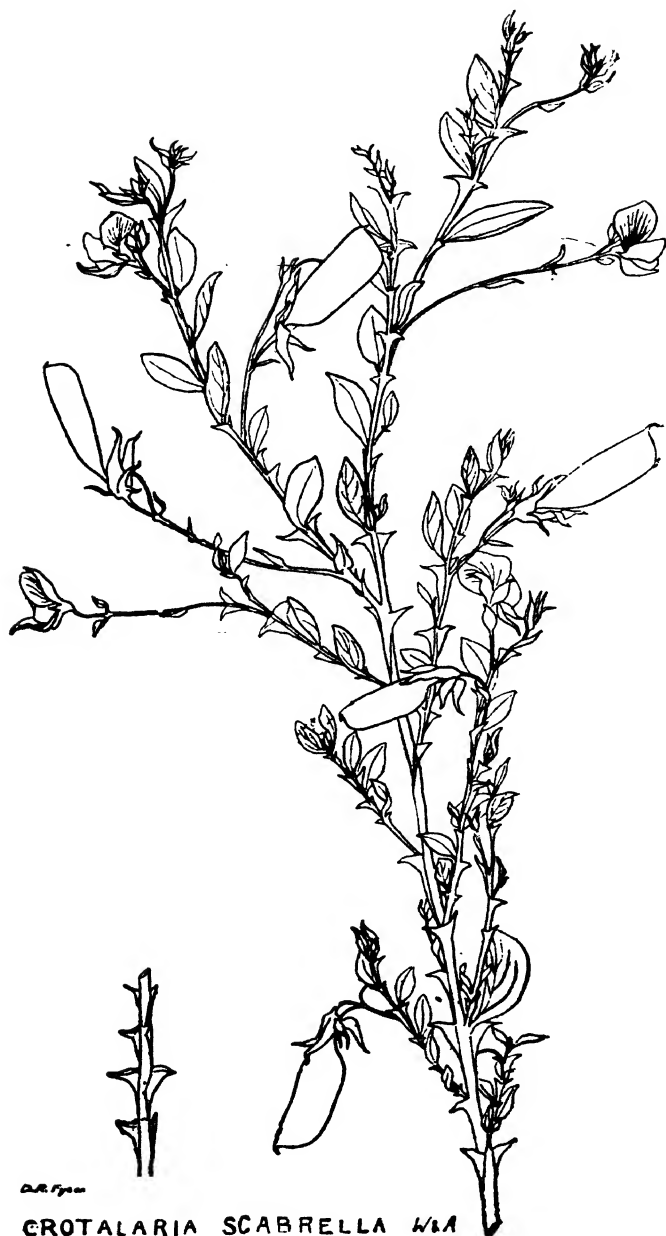


CROTALARIA FYSONI Dunn



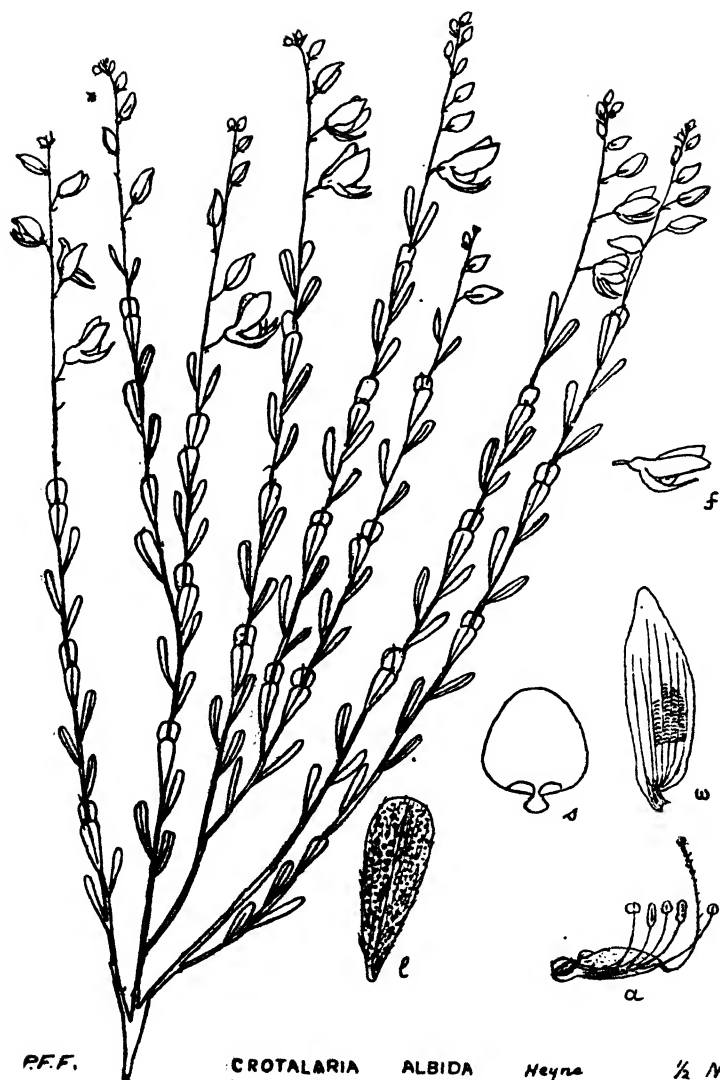
CROTALARIA OVALIFOLIA Walp

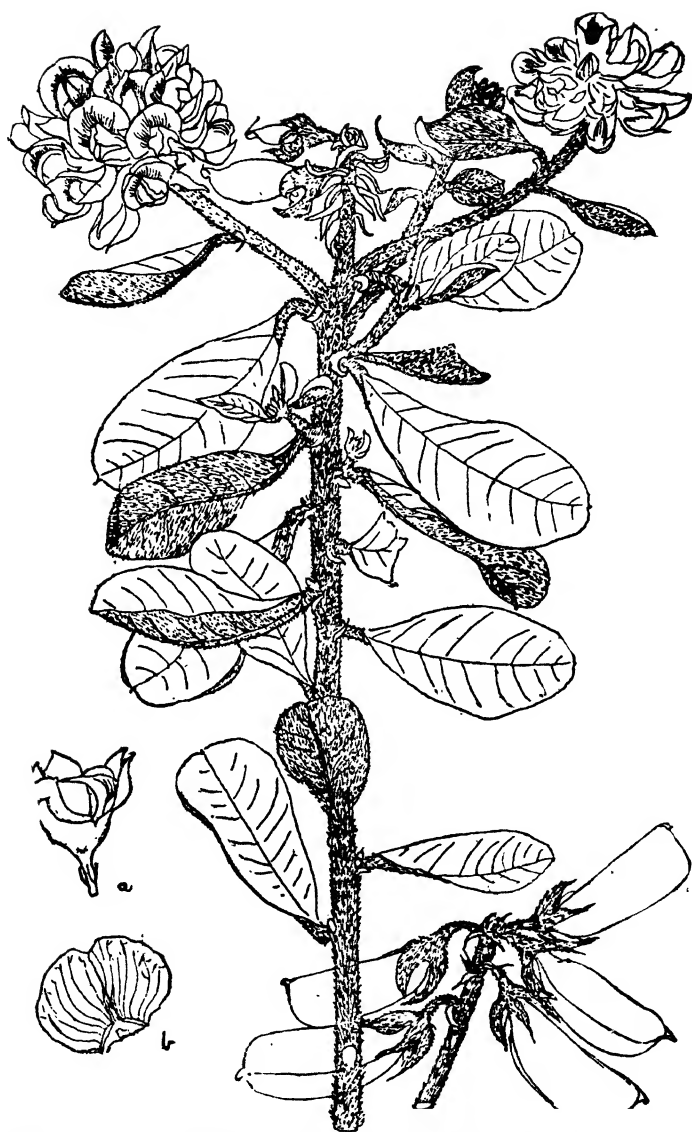




D.R. Fyson

GROTALARIA SCABRELLA W & A





ETBourne

CROTALARIA FORMOSA

Graham



D. R. Fyson

CROTALARIA BARBATA

Graham



E. T. Bourne. CROTALARIA SEMPERFLORENS *Vent.*



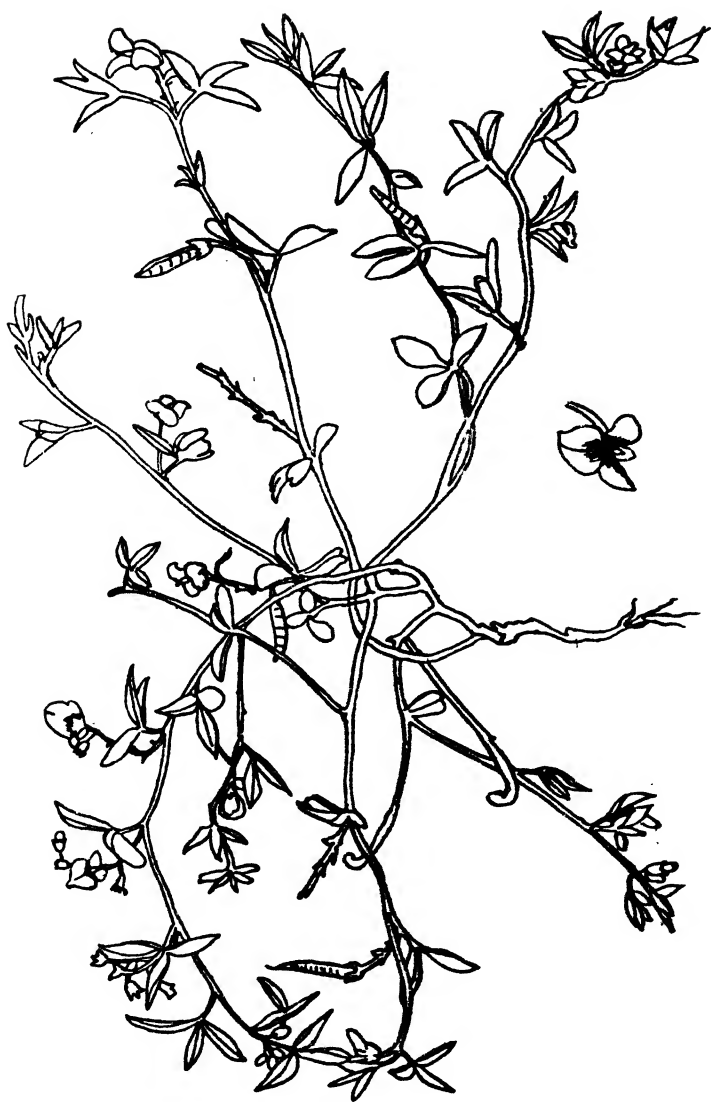
CROTALARIA MADURENSIS Wt



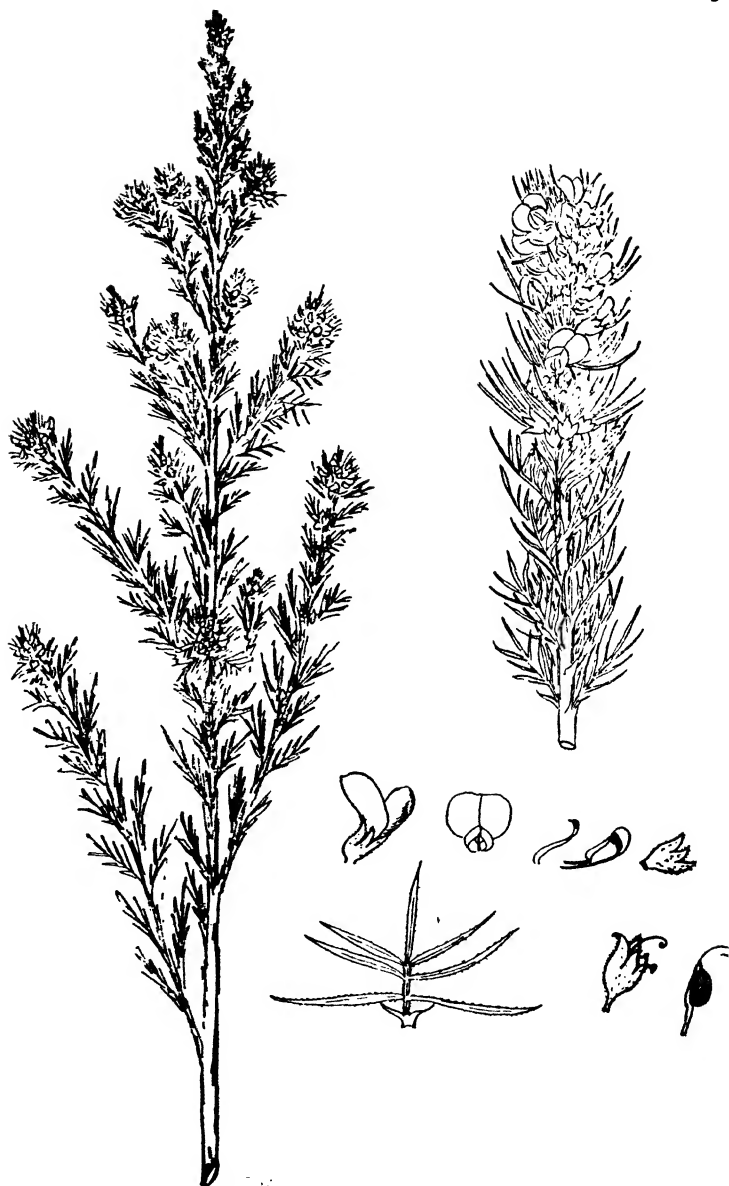
D.C. Hammick

PAROCHETUS COMMUNIS

Hamilton

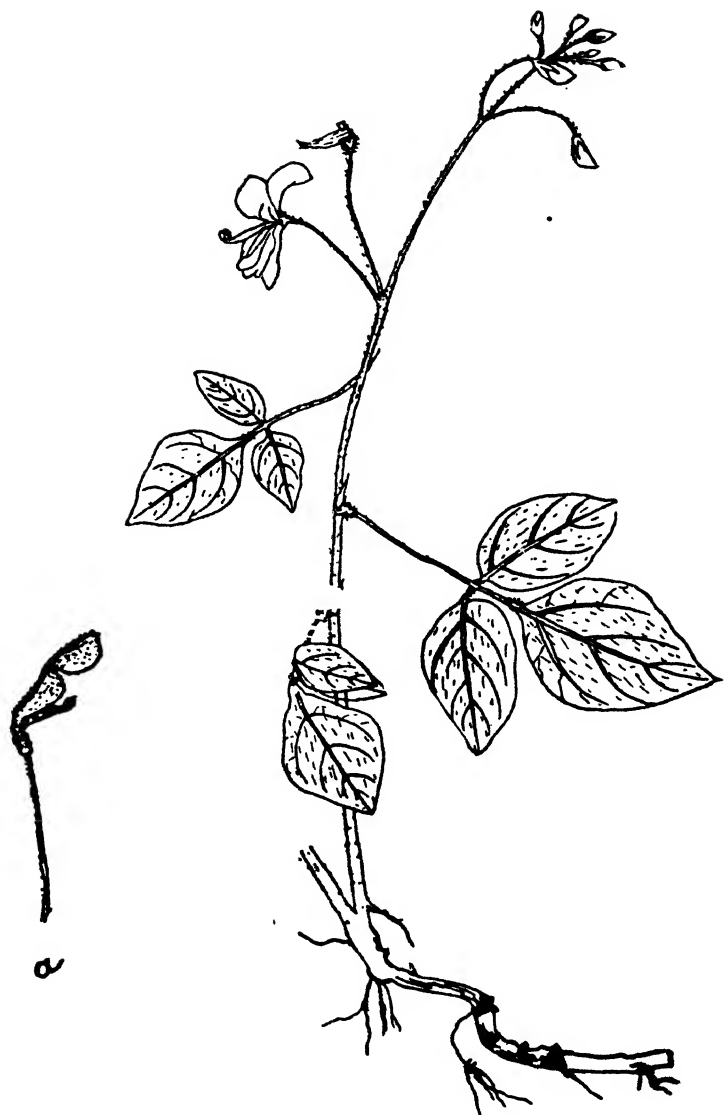


INDIGOFERA PEDICELLATA W. & A.

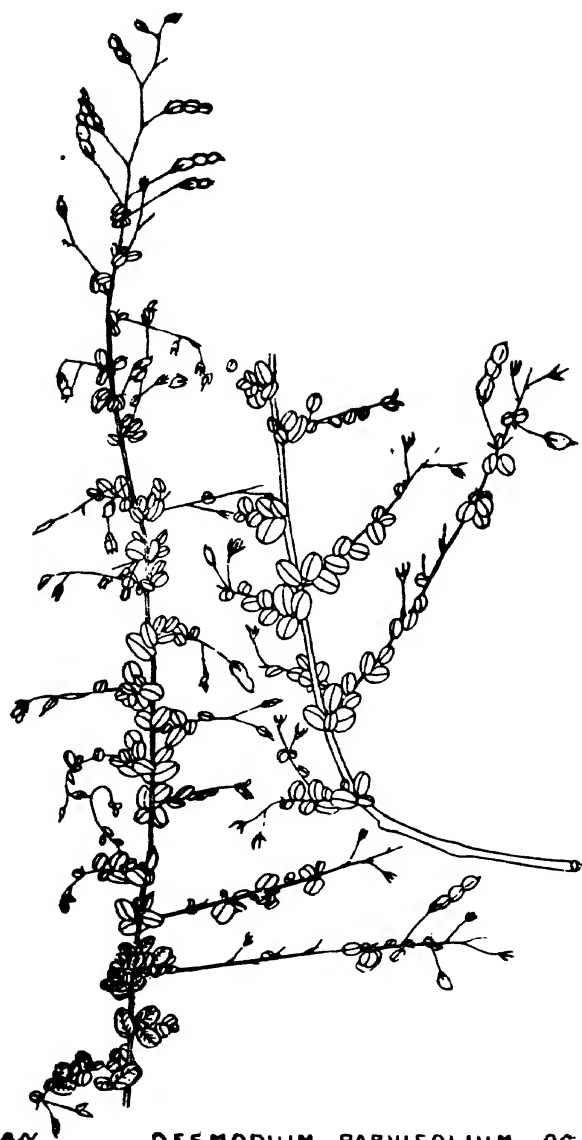


M. F. Harrison.

PSORALEA PINNATA.

*E. T. Bourne.*

DESMODIUM SCALPE DC.



AN

DESMODIUM PARVIFOLIUM DC.



VICIA SATIVA *Linn.*



E. T. Bourne.

ATYLOSIA CANDOLLEI W. & A.

*R. Natesan.*SOPHORA GLAUCA *Lesch.*



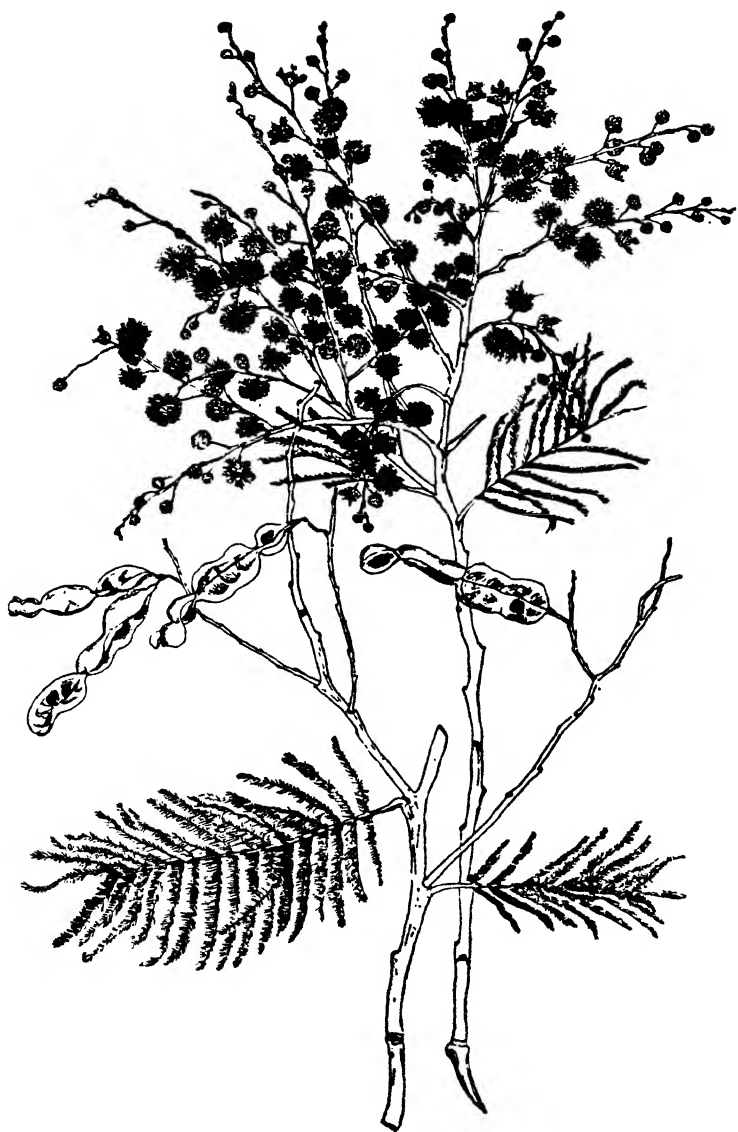
E. T. Bourne.

CASSIA LÆVIGATA Willd.

*M. Henman.**CASSIA TOMENTOSA Linn.*



M. F. Harrison. ACACIA MELANOXYLON R. Br.

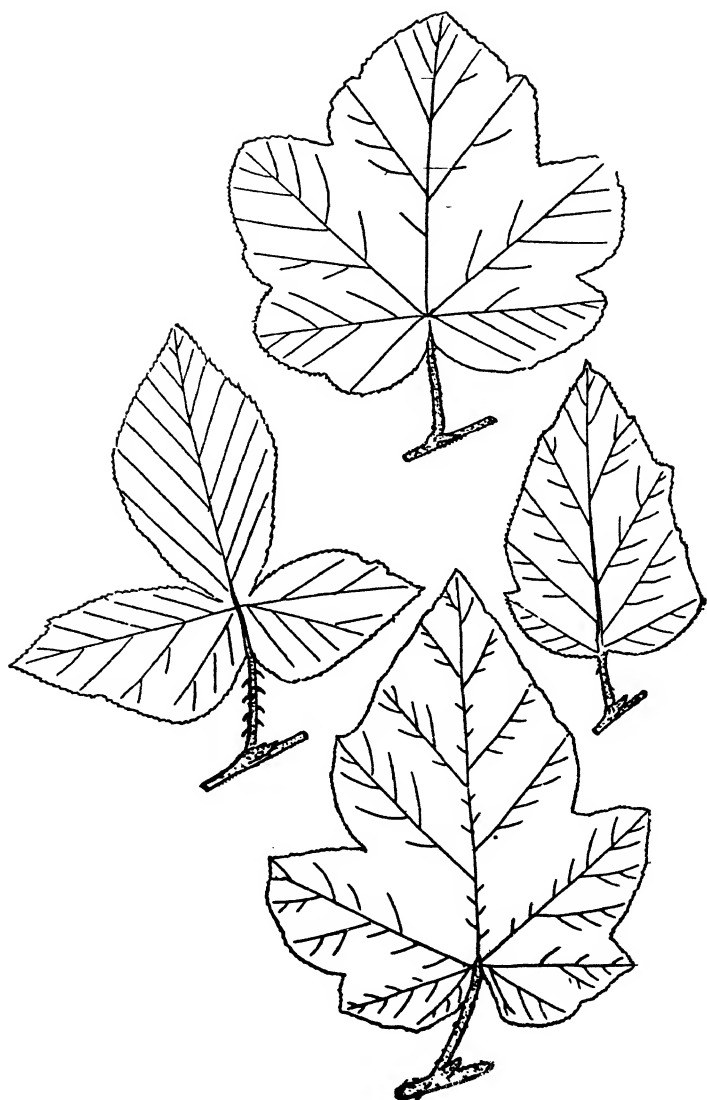


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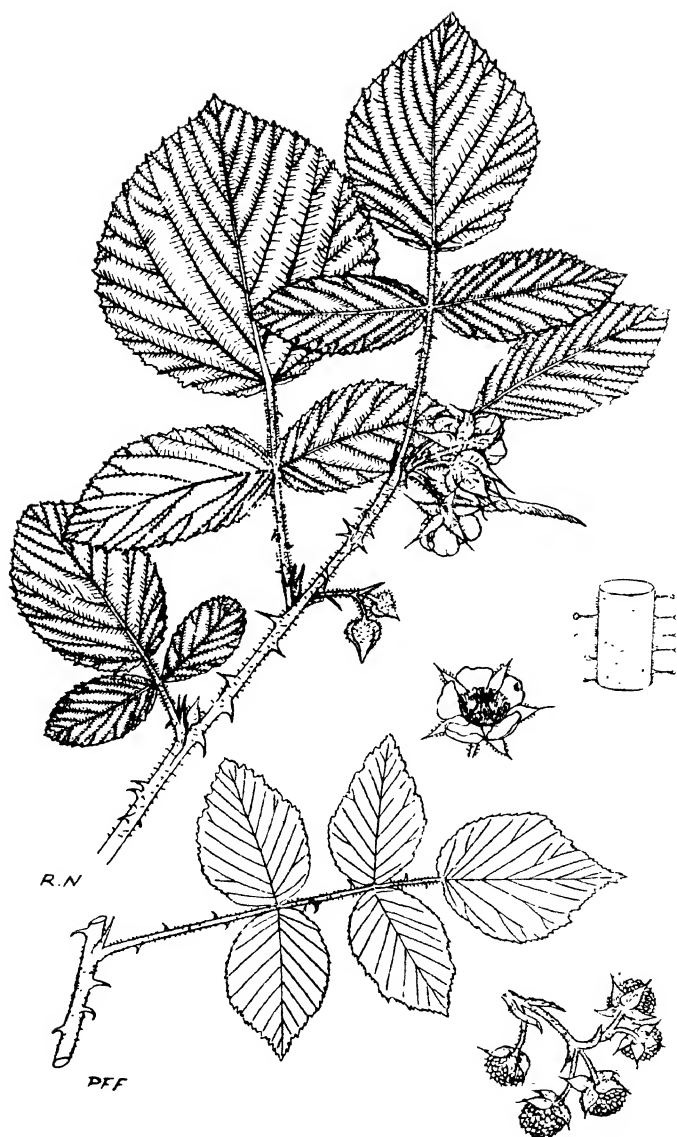
ACACIA DEALBATA *Link.*



PRINSEPIA UTILIS *Royle*

*P.F. Fyoon.* RUBUS MOLUCCANUS L.

96 Mc



RUBUS RACEMOSUS Roxb.

*Nova Flouren*

FRAGARIA INDICA

Andr



FRAGARIA NILGERRENSIS Schltdl.

*R. Natesan.*POTENTILLA LESCHENAULTIANA *Ser.*

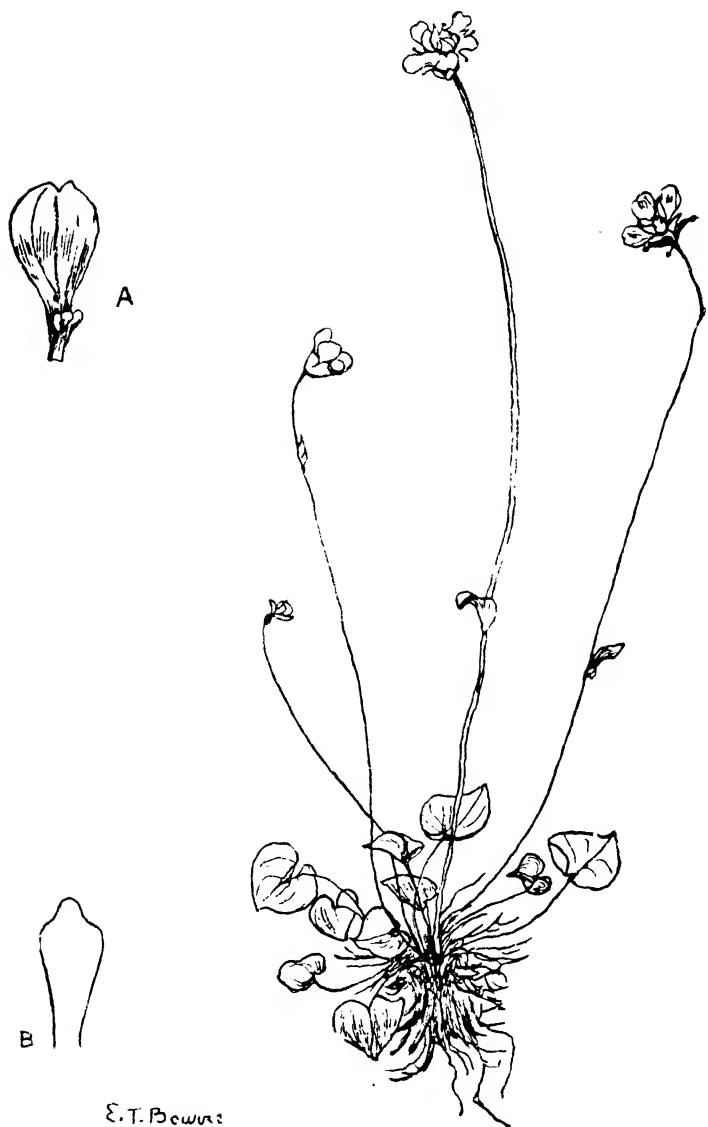


ROSA LESCHENAULTIANA W&A



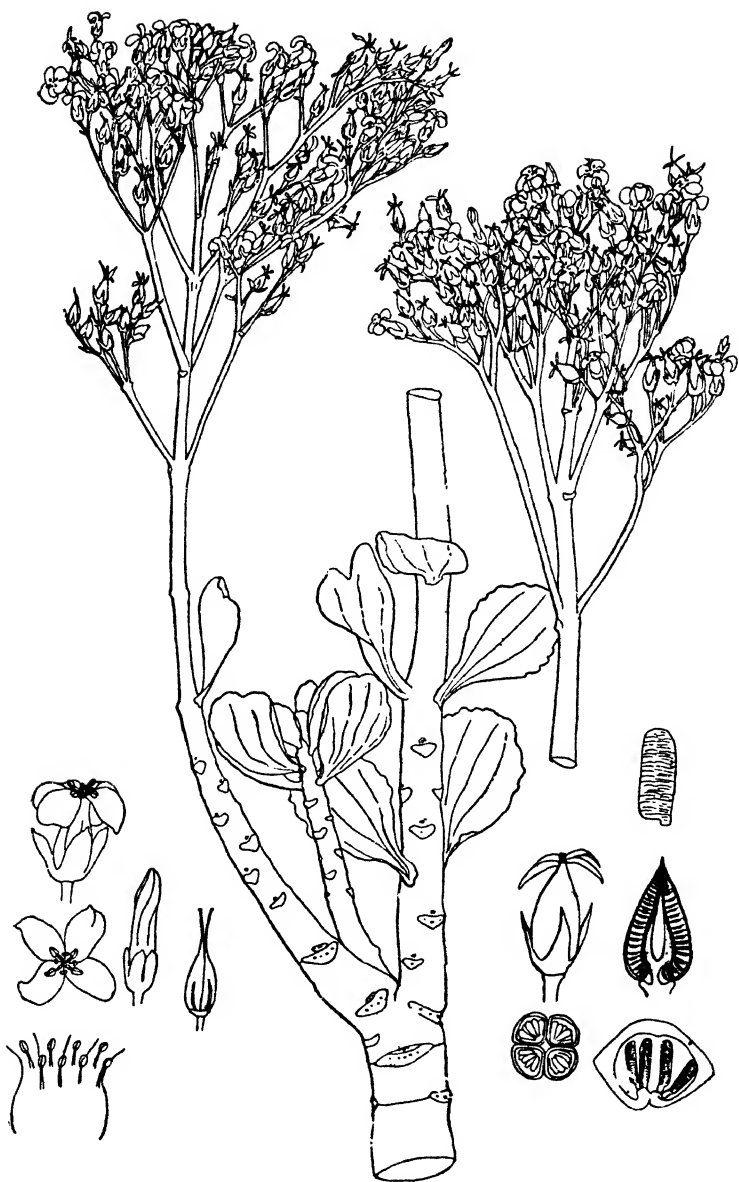
R. Natesan

PHOTINIA LINDLEYANA W & A



E.T. Bowles

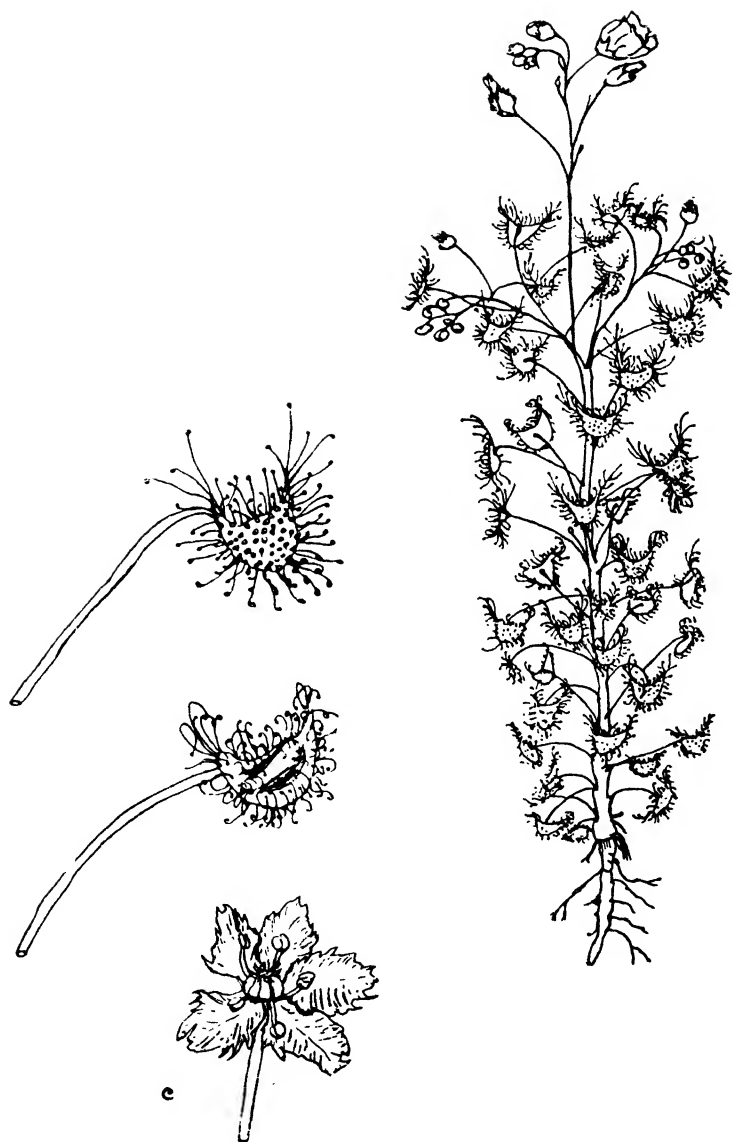
PARNASSIA MYSORENSIS Heyne

*R. Natesan.*

KALANCHOE GRANDIFLORA W. & A



DROSERA BURMANI Walp.



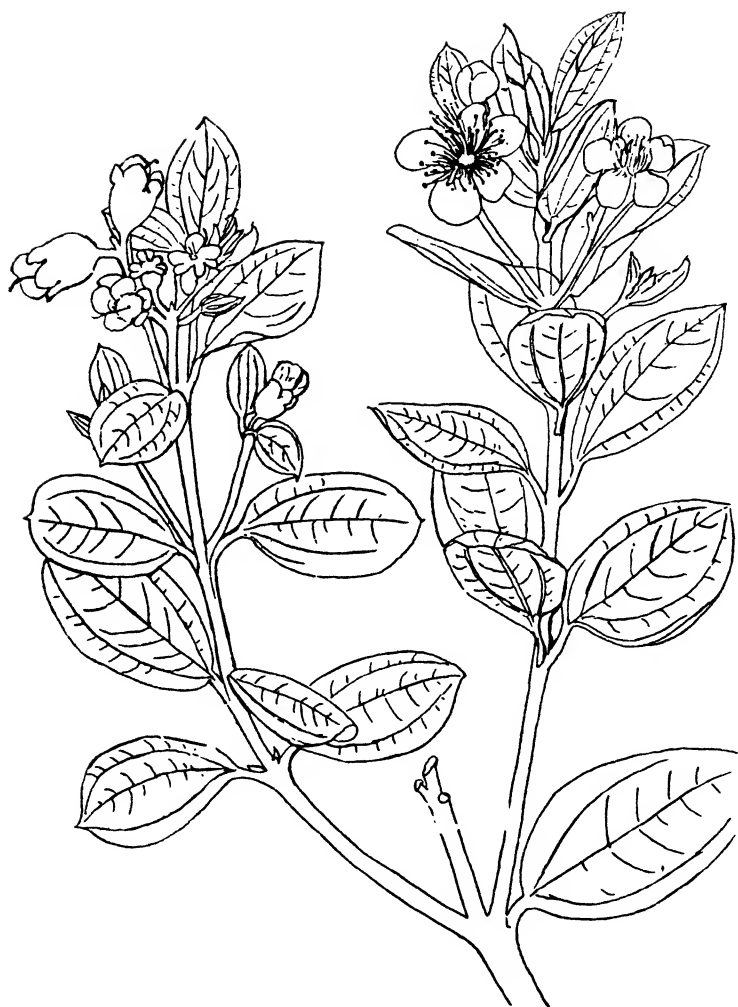
S. T. Brown

DROSERACEÆ. DROSERACEÆ. PELTATA Sm



R. Natesan.

SYNCARPIA GLOMULIFERA Sm.

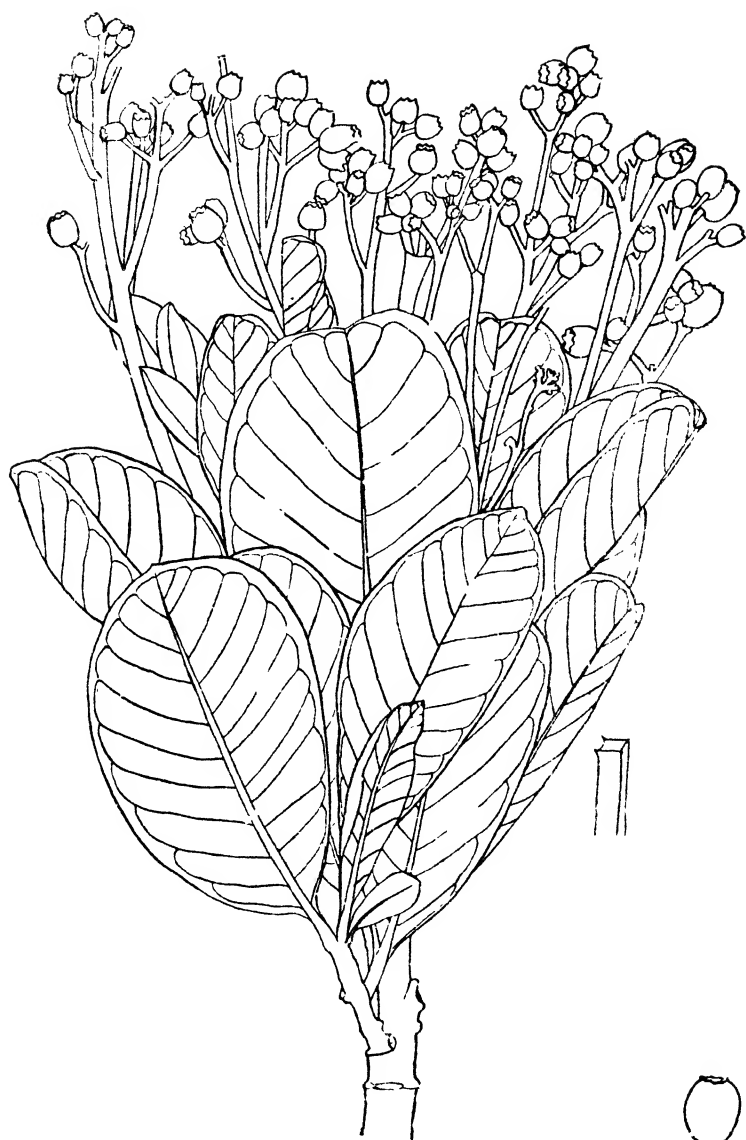


E T Bourne ~ RHODOMYRTUS TOMENTOSA *Wight.*



EUGENIA ARNOTTIANA Wight



*P. Nateson*

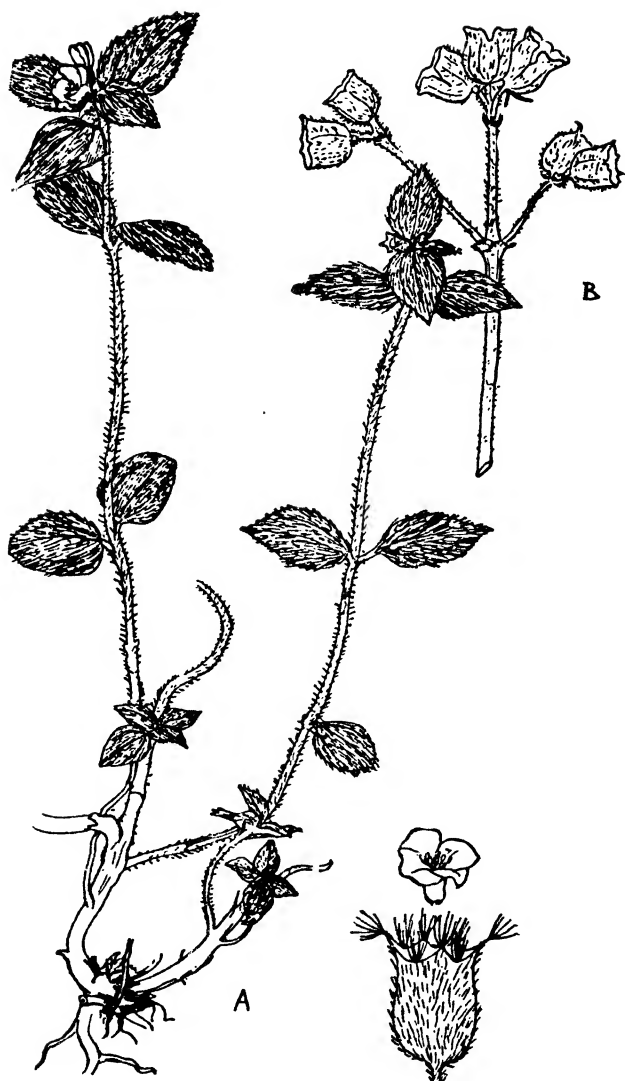
EUGENIA MONTANA Wt.



Natesan

EUGENIA CALOPHYLLIFOLIA

Wt.





OSBECKIA

WIGHTIANA

Beeth



OSBECKIA LESCHENAUTIANA DC.

*M.F. Harrison***OENOTHERA** **ODORATA** *Jacq.*



M. F. Harrison

OENOTHERA TETRAPTERA L.



Affinis

FUCHSIA FULGENS

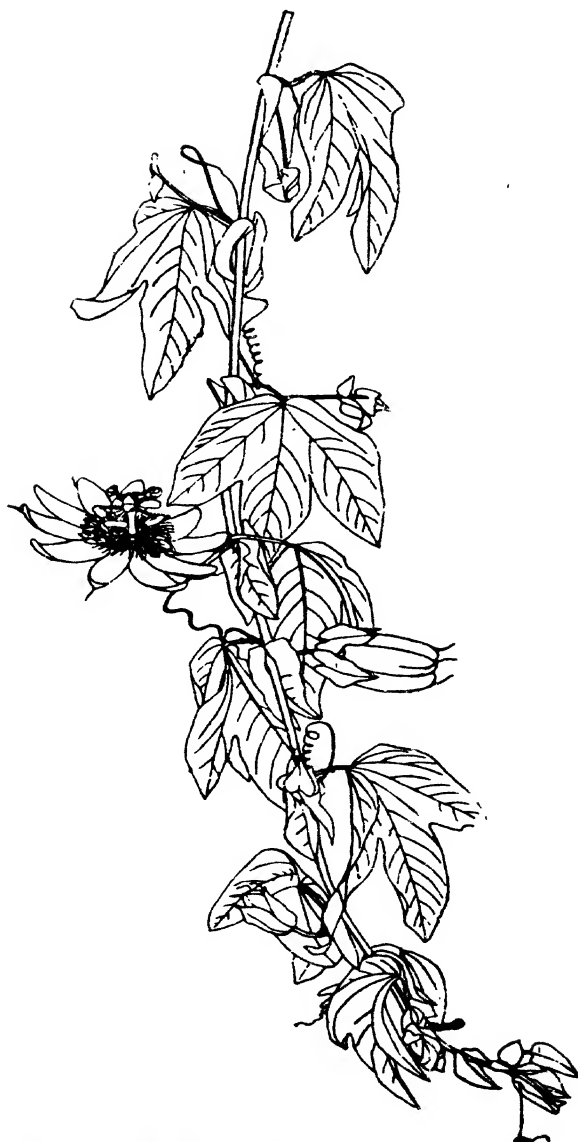
Moq. et Lessé.



Fig. 6. 1/2 in.

PASSIFLORA

LESCHENAUER

*A. Nelson*

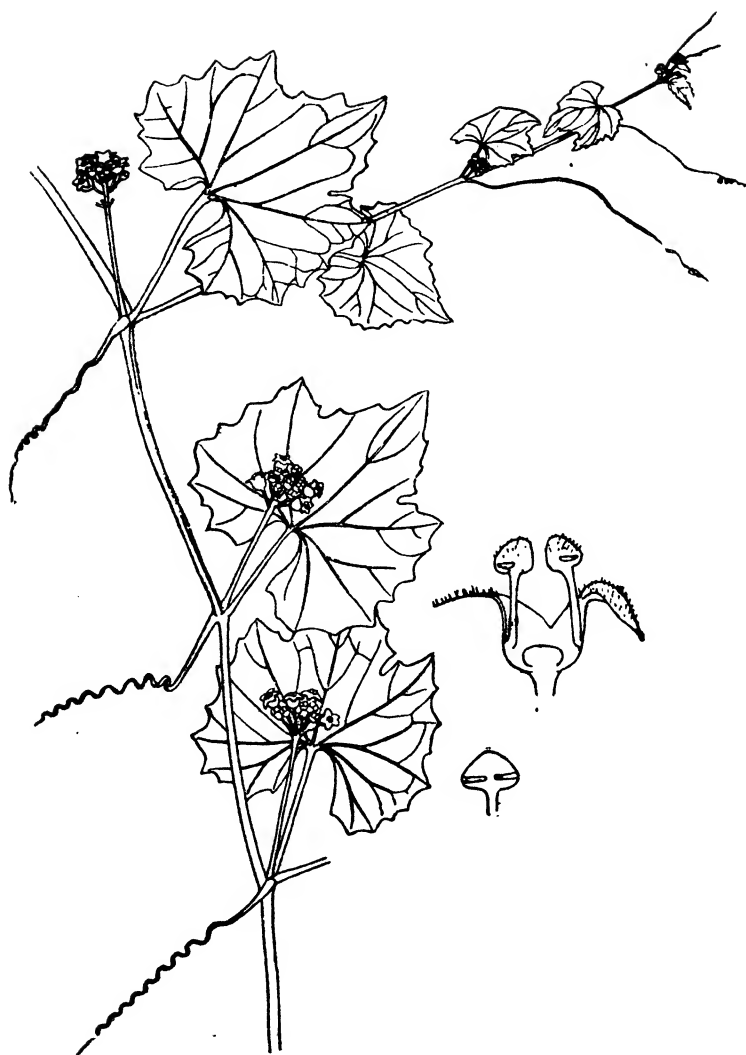
PASSIFLORA

CALCARATA

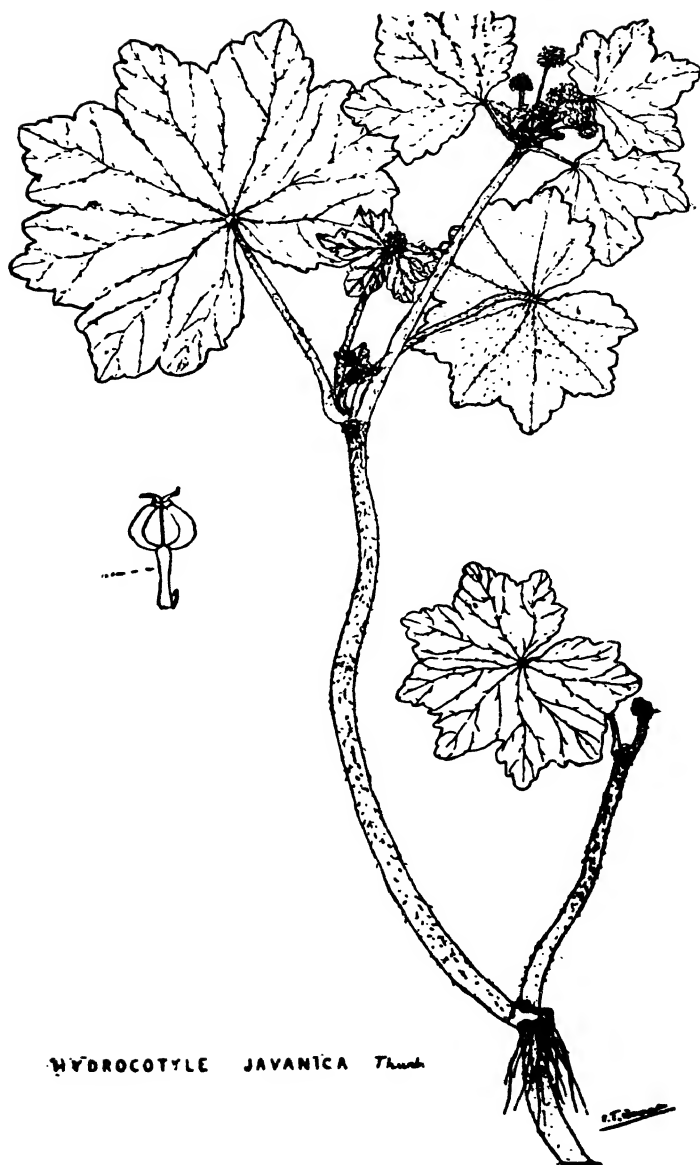
Mast.



PASSIFLORA EDULIS Sims.



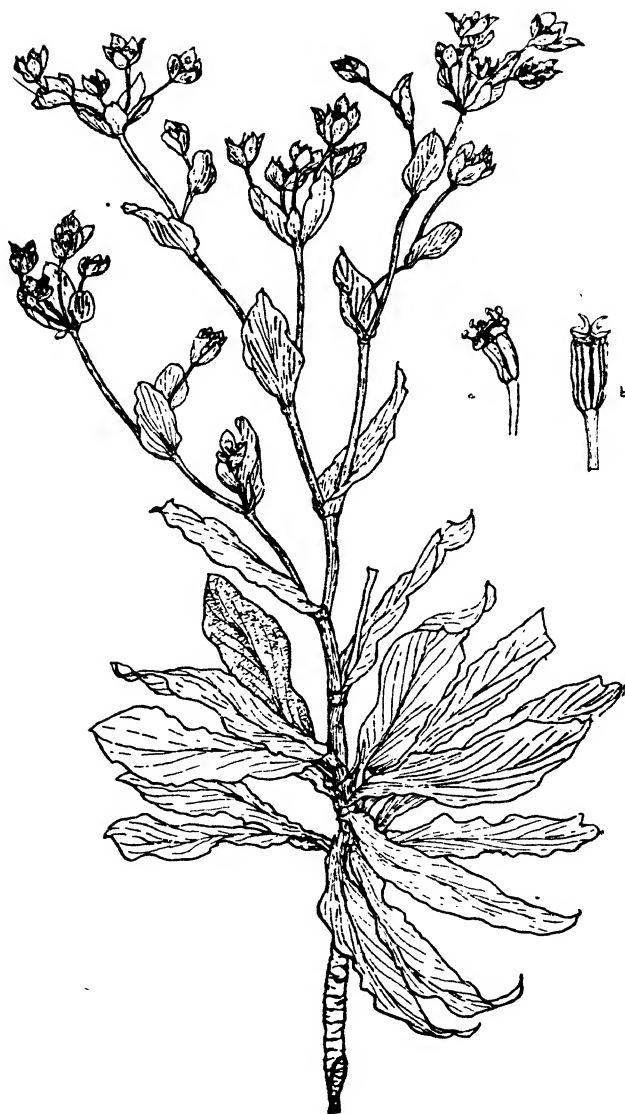
MELOTHRIA PERPUSILLA *Cayenne*



HYDROCOTYLE JAVANICA Thunb.



HYDROCOTYLE CONFERTA. Wight.



E. T. Bourne. BUPLEURUM PLANTAGINIFOLIUM *Wt.*



L. T. Bourne

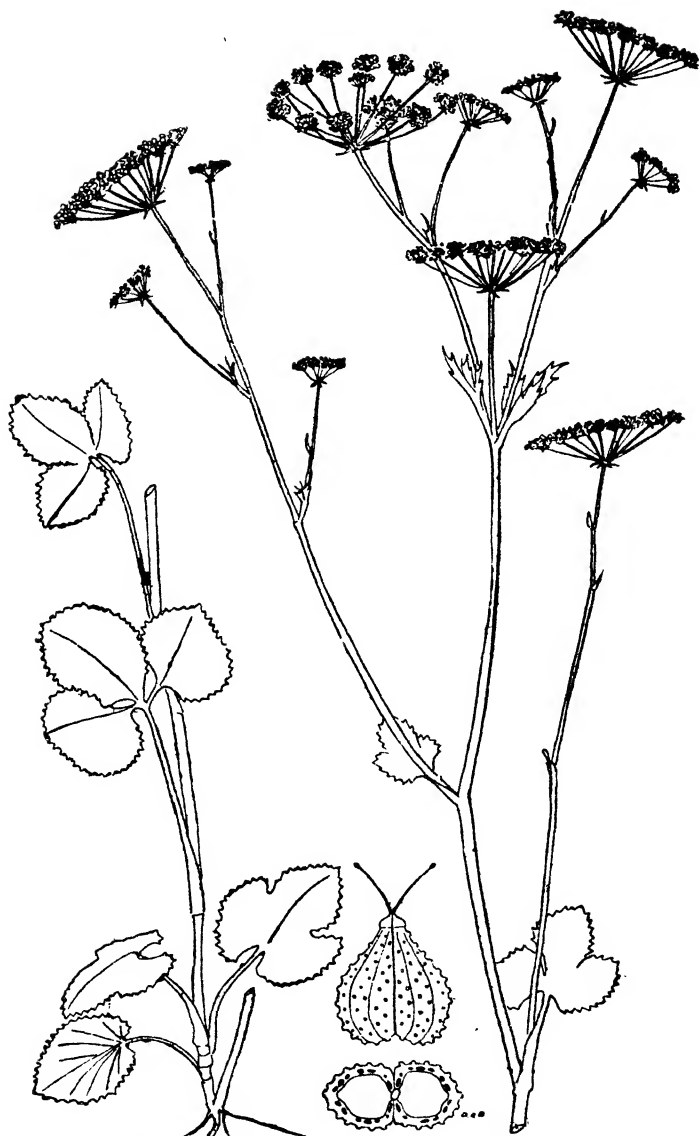
BUPLEURUM MUCRONATUM W&A.



BUPLEURUM DISTICHOPHYLLUM W. & A.

*D.R. Fyson*

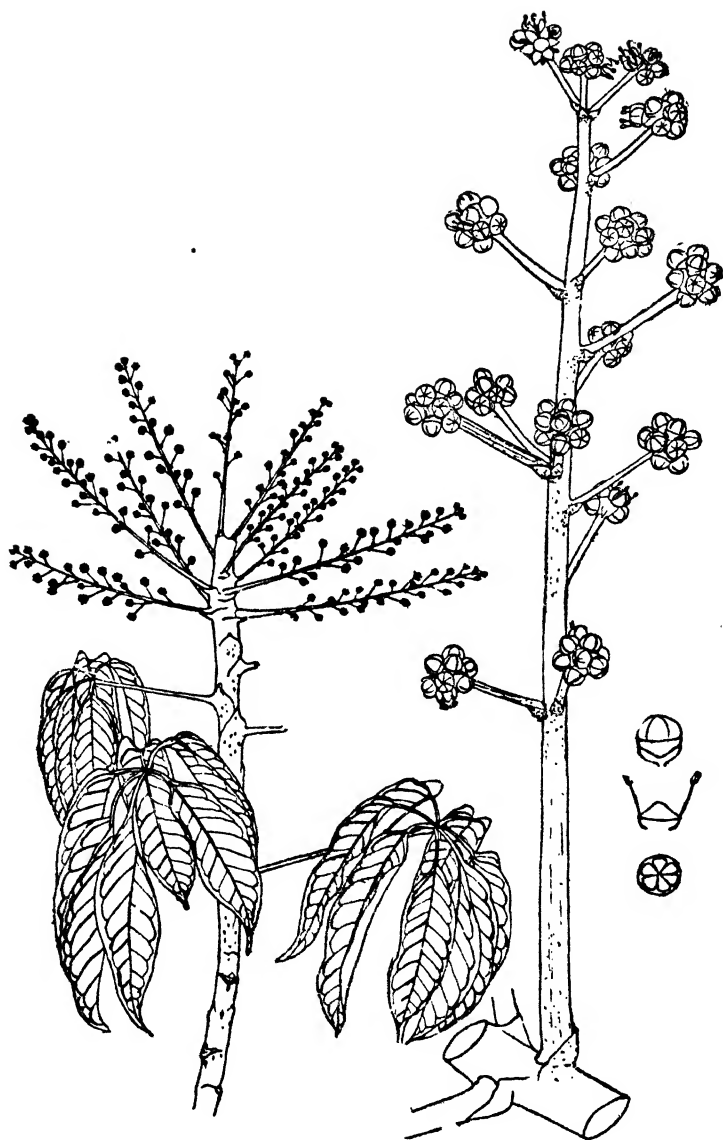
PIMPINELLA LESCHENAUTII DC



PIMPINELLA CANDOLLEANA W. & A.

D. R. Fyson.



*R. Nolasco*

BRASSIA

CAPITATA

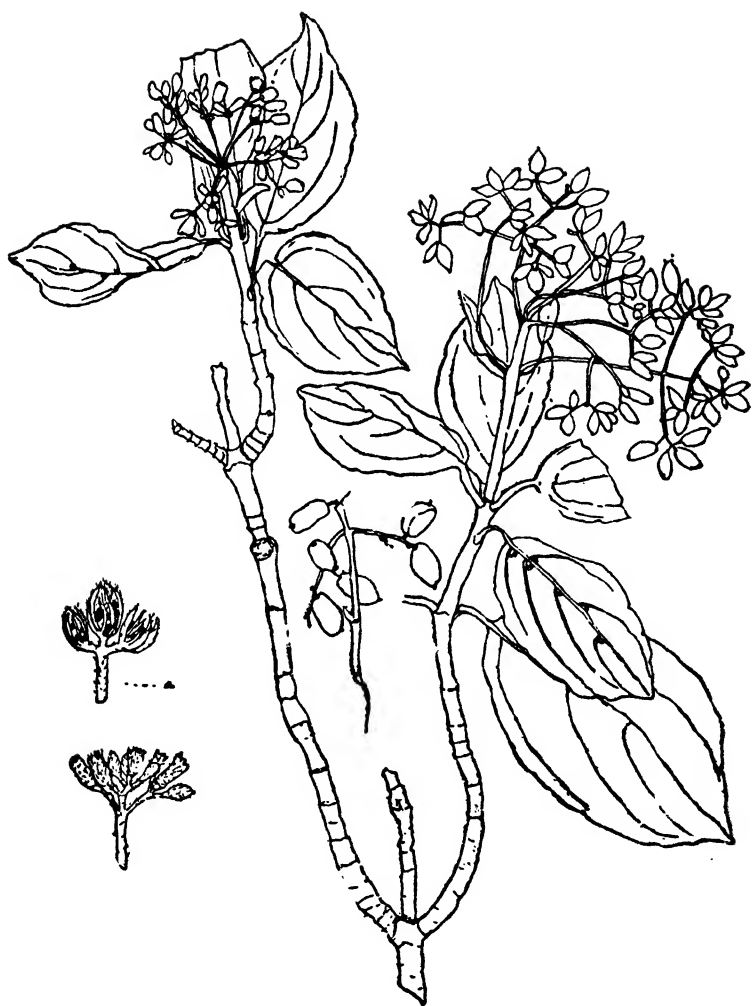
C. B. Clarke

*R. N. A. S. G.*

VIBURNUM ACUMINATUM DC



R. Natesan. VIBURNUM CORIACEUM Blume.
var. CAPITELLATA.

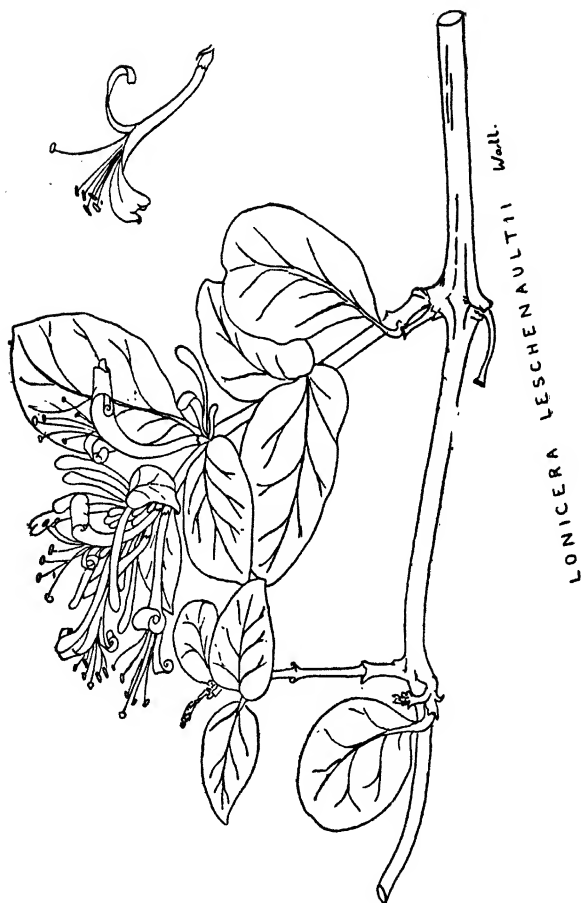


E. T. Bourne.

VIBURNUM

HEBANTHUM

W. & A.

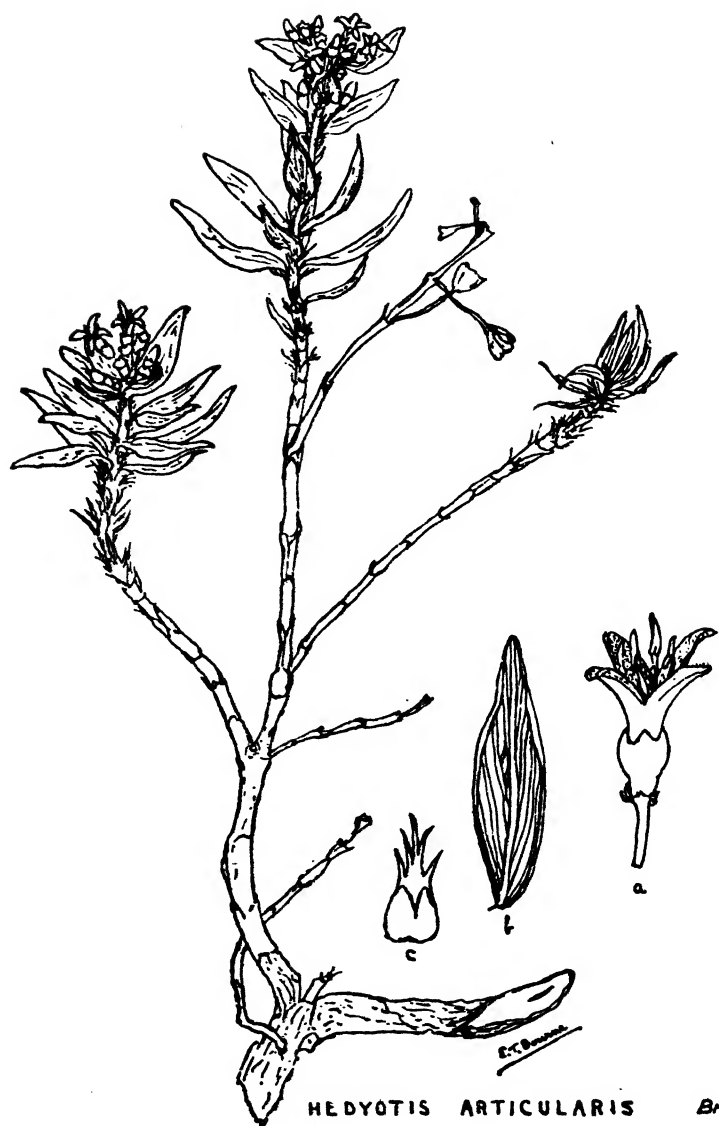






E.T. Bowma.

HEDYOTIS STYLOSA 8.



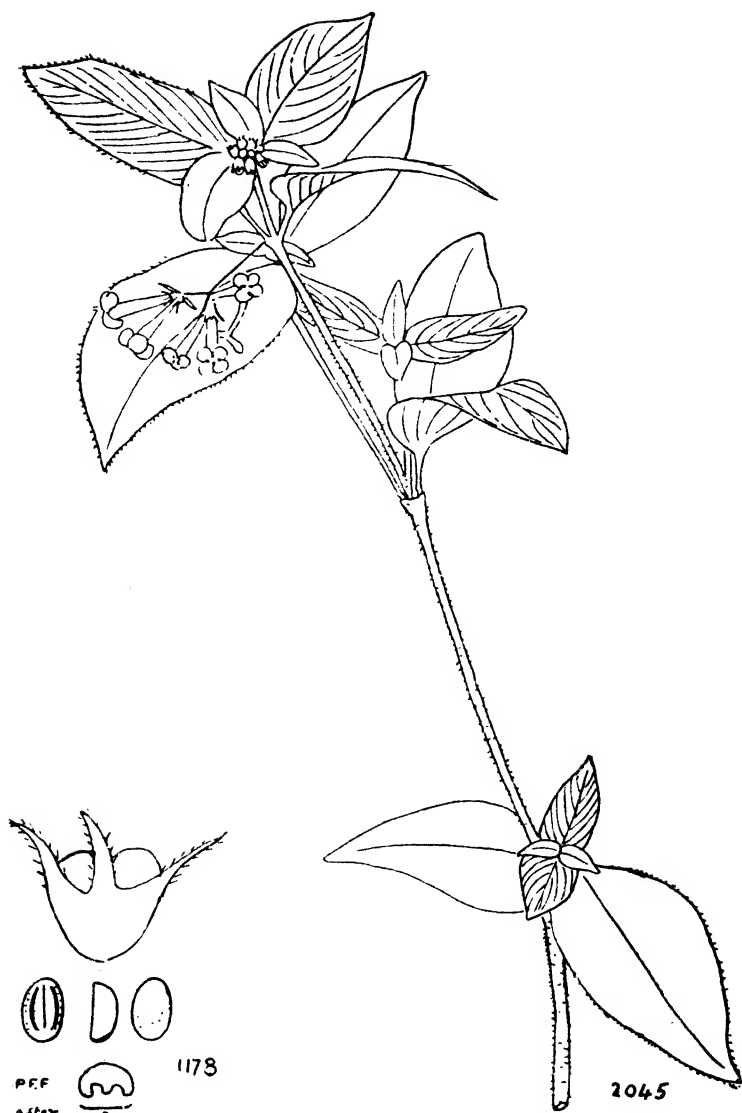
HEDYOTIS ARTICULARIS

Br.



ANOTIS LESCHENAUTIANA var. *AFFINIS*.

M. F. Harrison.

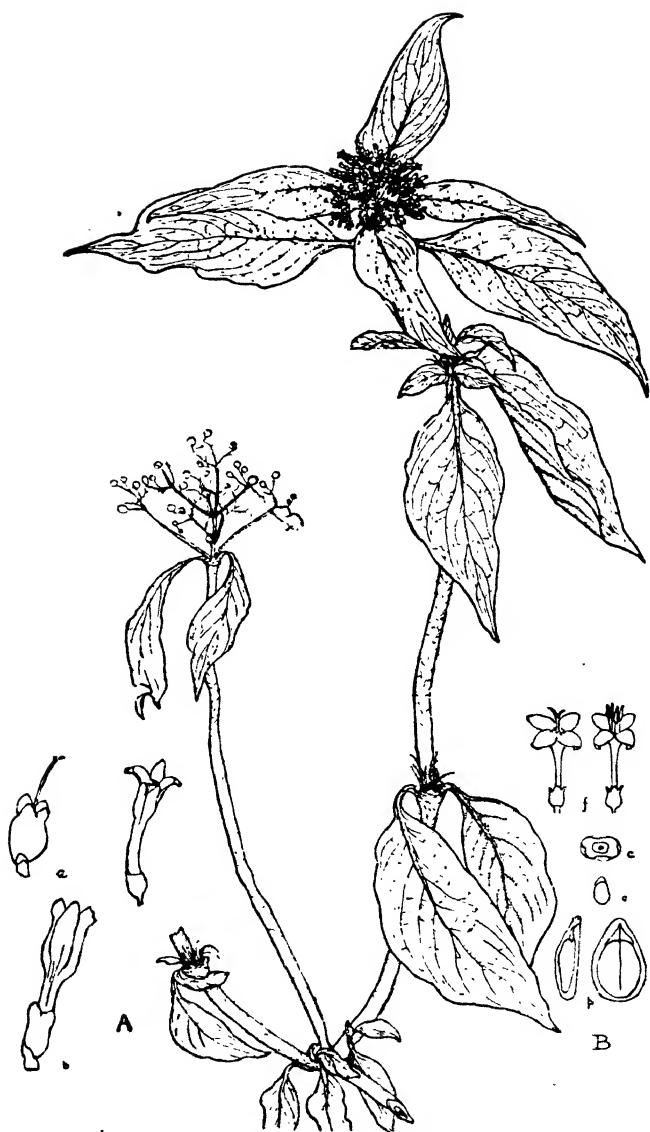


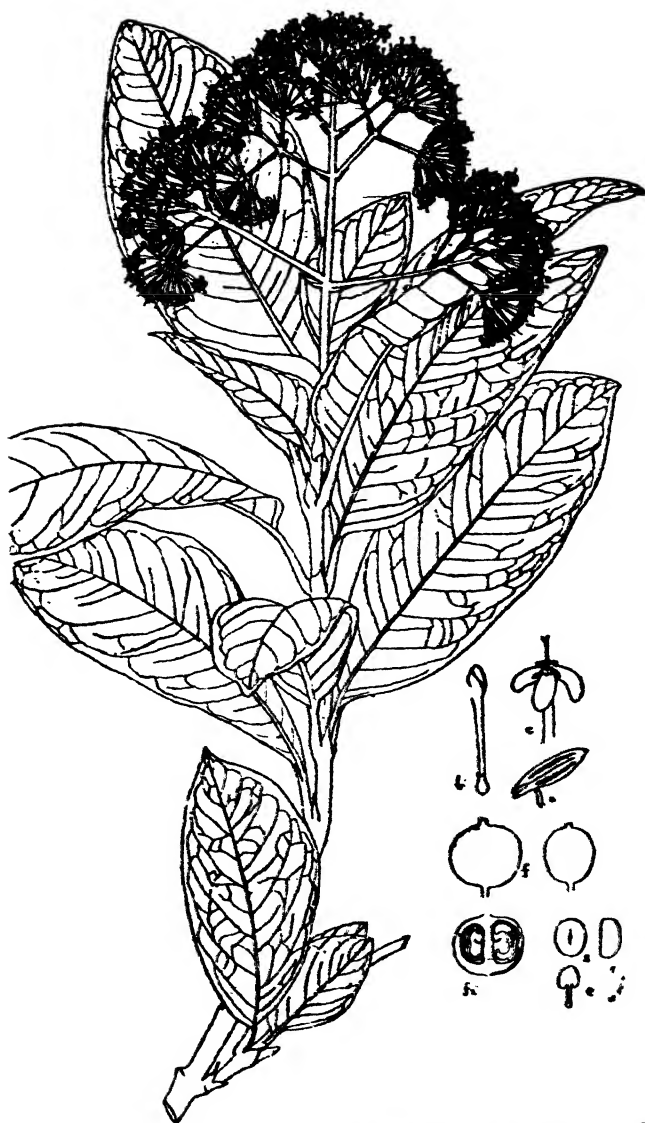
PEF
after

R. Natesan

ANOTIS SP.

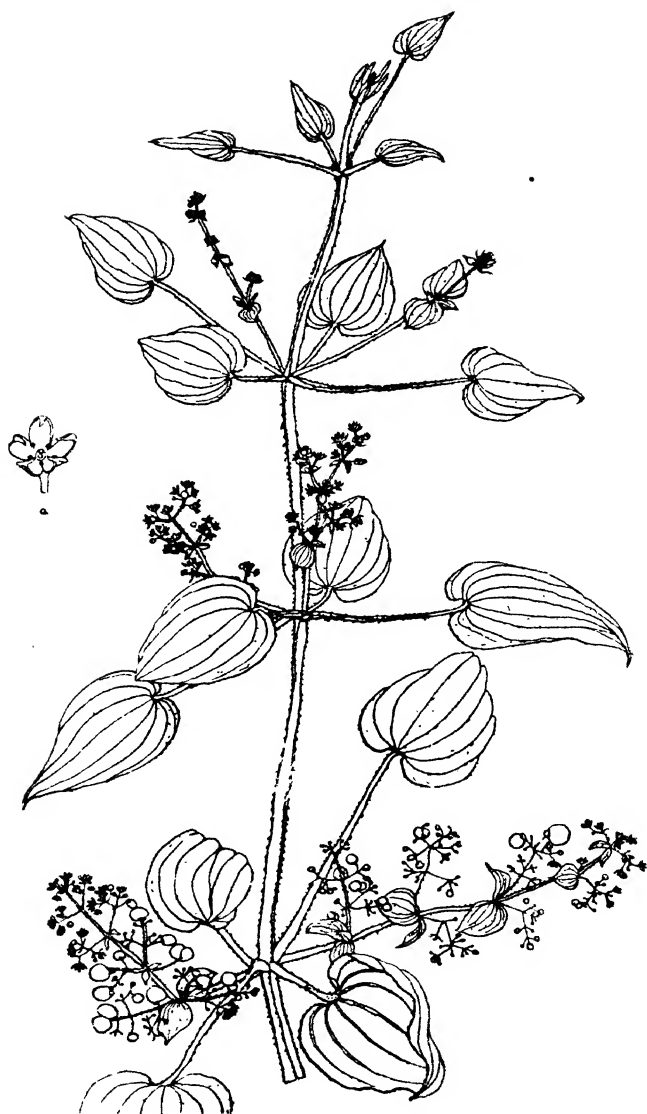
$\frac{3}{4}$ Nat



*R. Nateson*IXORA NOTONIANA *Wal.*

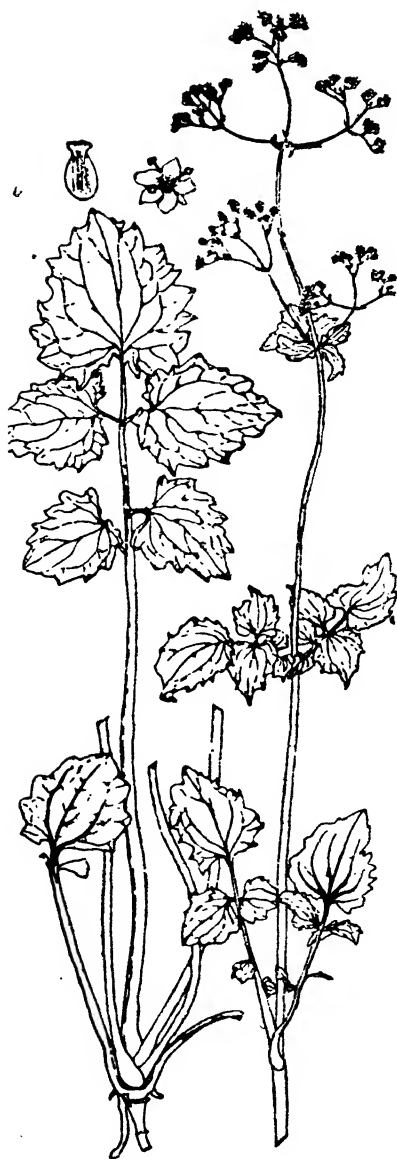


LASIANTHUS VENULOSUS W.



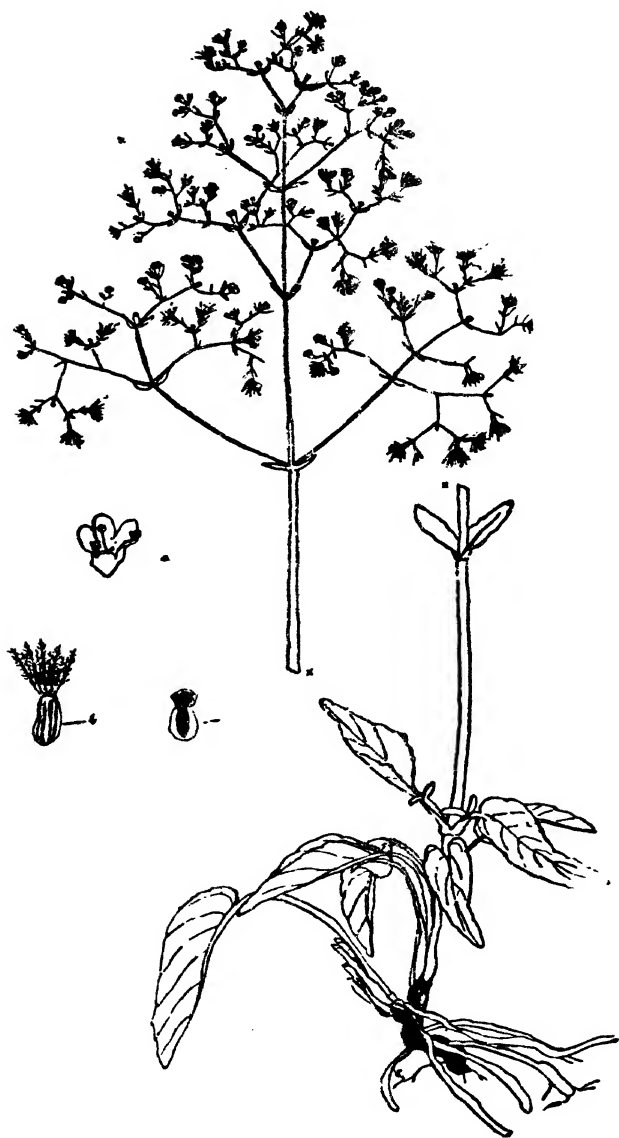
E. T. Bournc.

RUBIA CORDIFOLIA L.

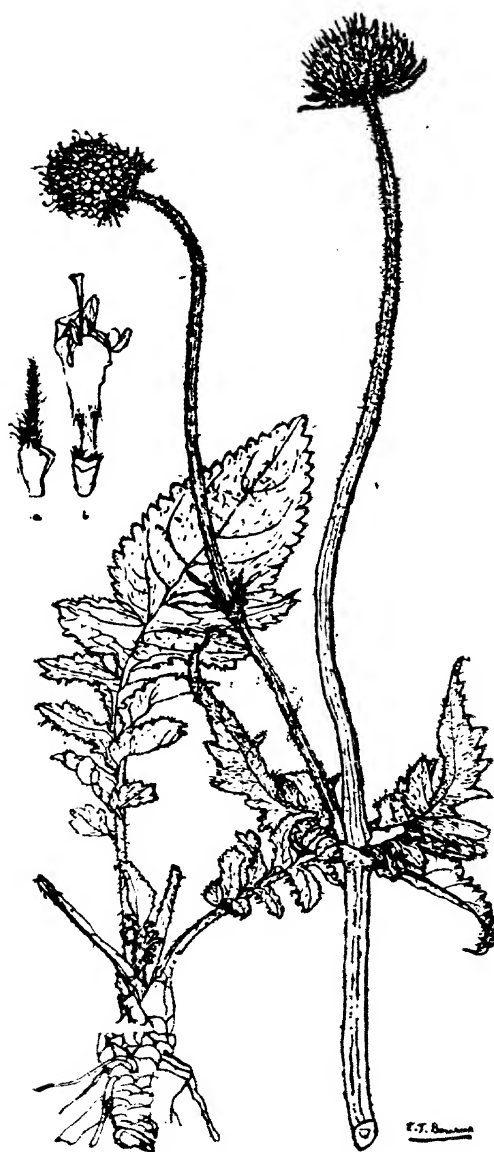


E. T. Bourne.

VALERIANA HOOKERIANA W. & A.



E. T. Bourne. VALERIANA LESCHENAULTII DC.

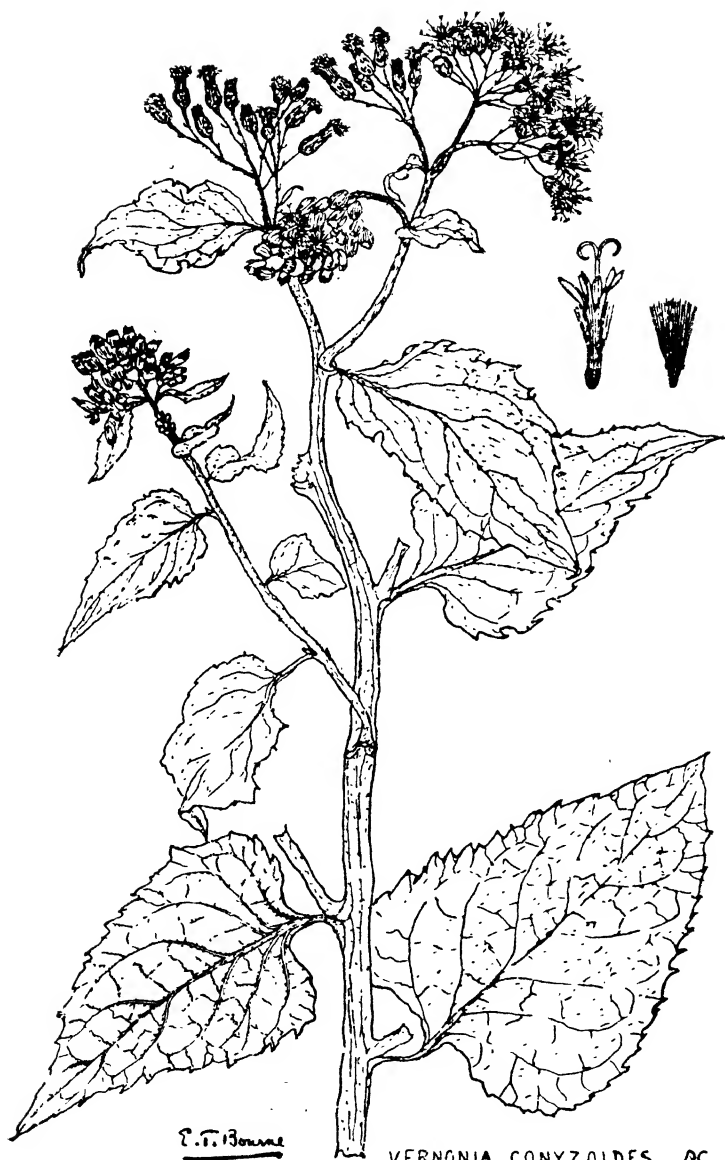


DIPSACUS LESCHENAUTII Coll.



PFF
after E. Patton

CENTRATHERUM RETICULATUM *Benth.*

E. T. Bourne

VERNONIA CONYZOIDES DC.



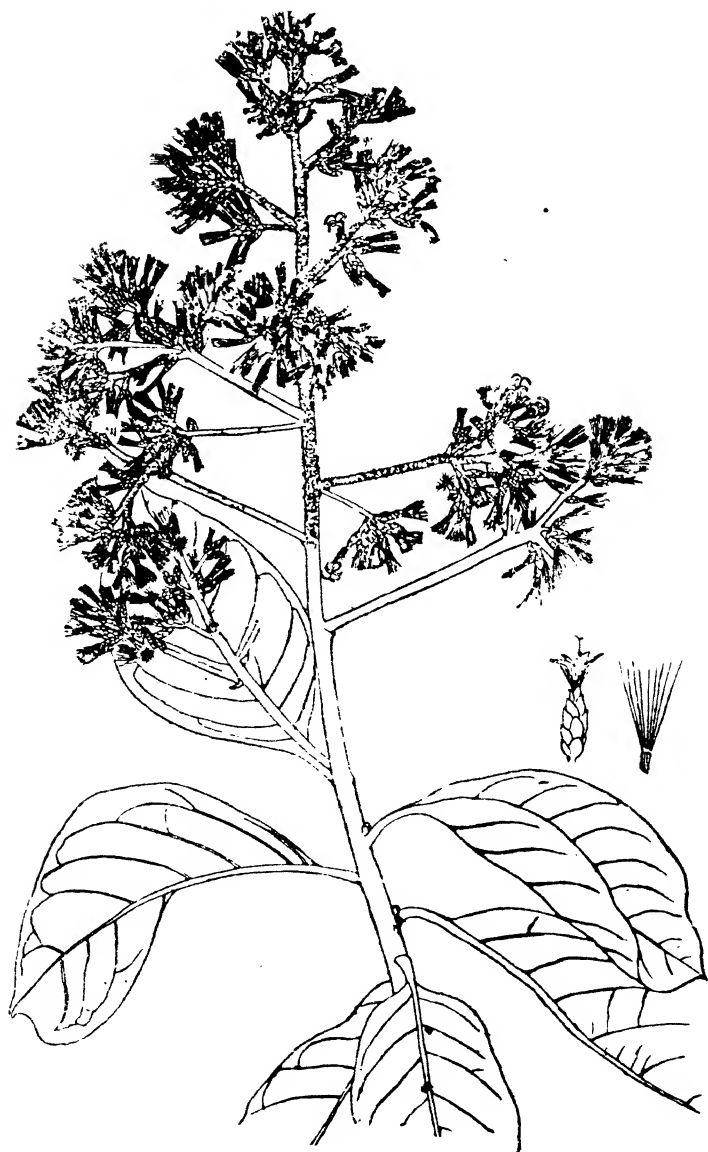
P.F.F. after
R. Natesan

VERNONIA

CORMORINENSIS Sm.

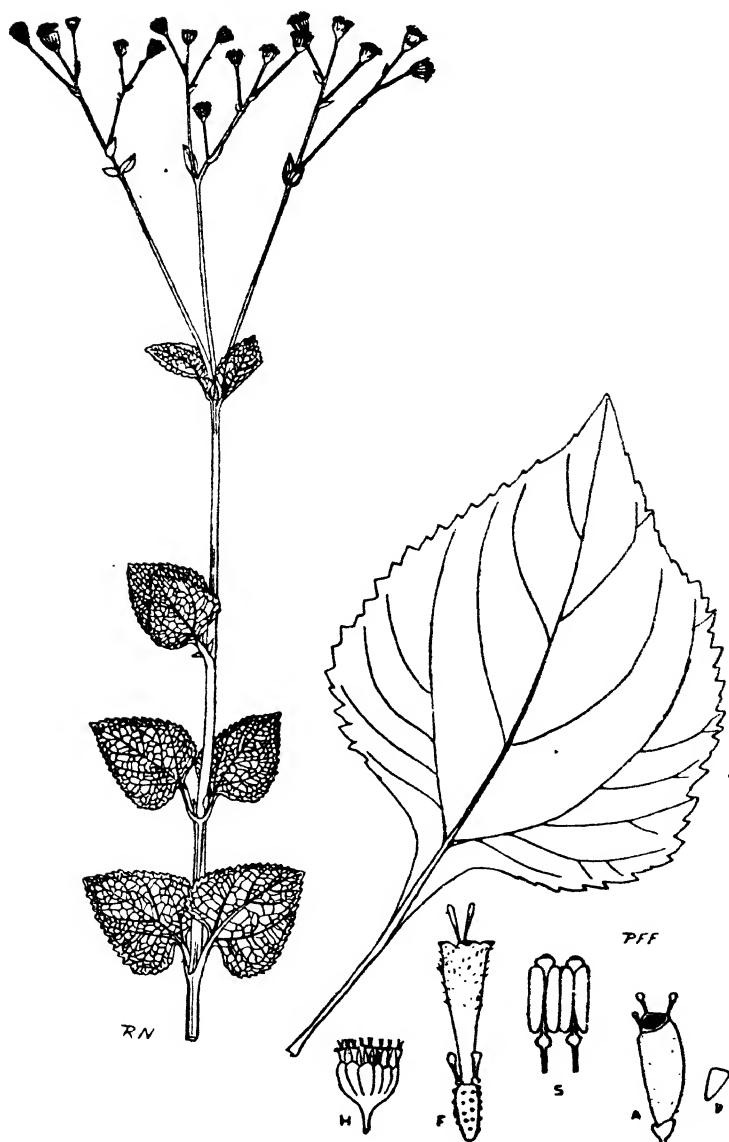


E. T. Bourne. VERNONIA PECTINIFORMIS *Wight.*



R. Natesan.

VERNONIA MONOSIS Benth.

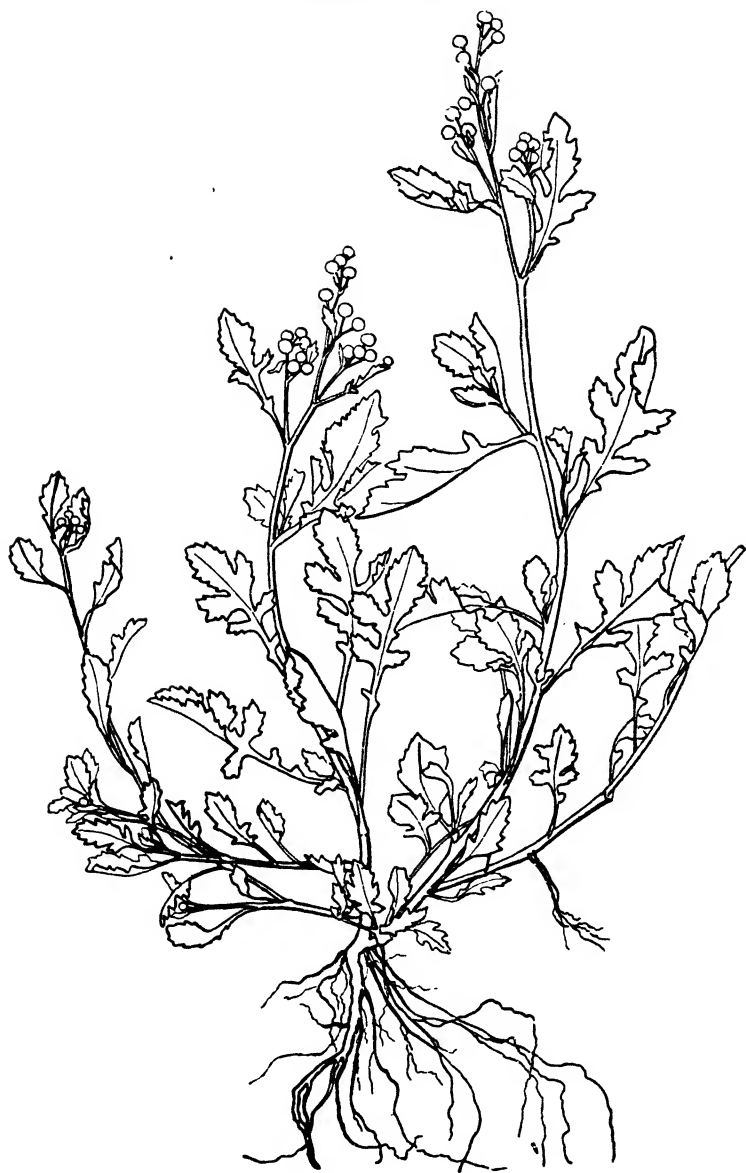


ADENOSTEMMA VISCOSUM

Forst.

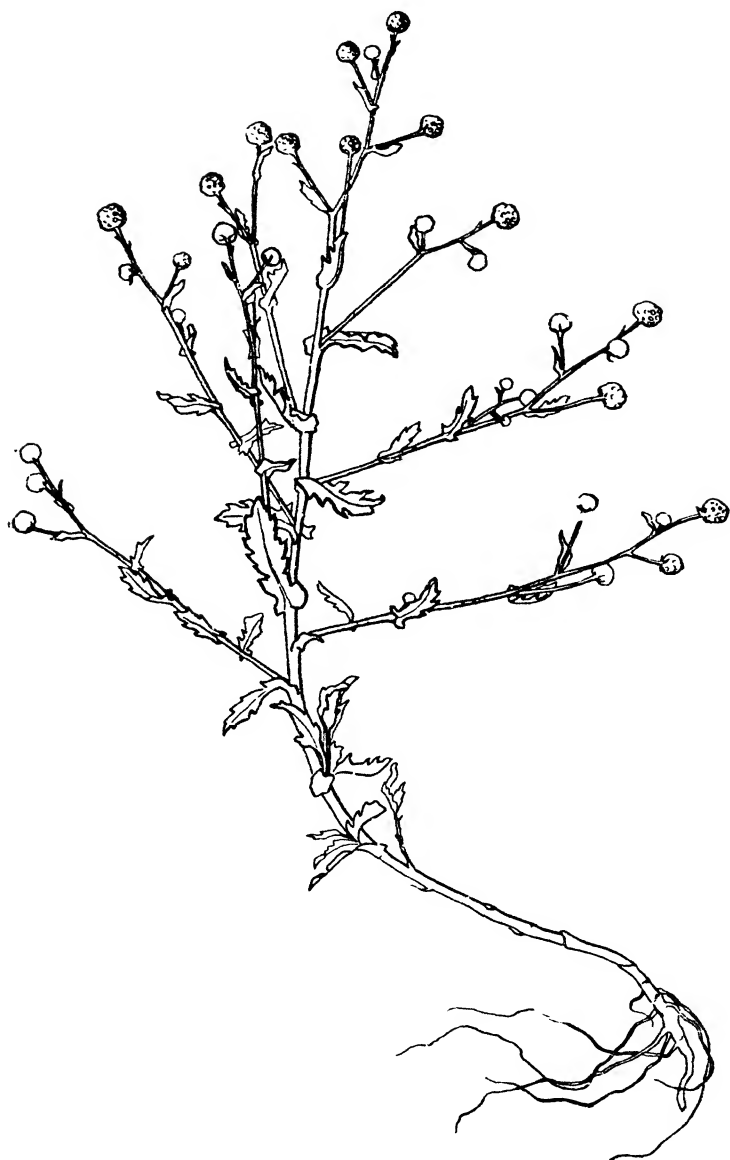


E. T. Bourne. *AGERATUM CONYZOIDES* *Linn.*

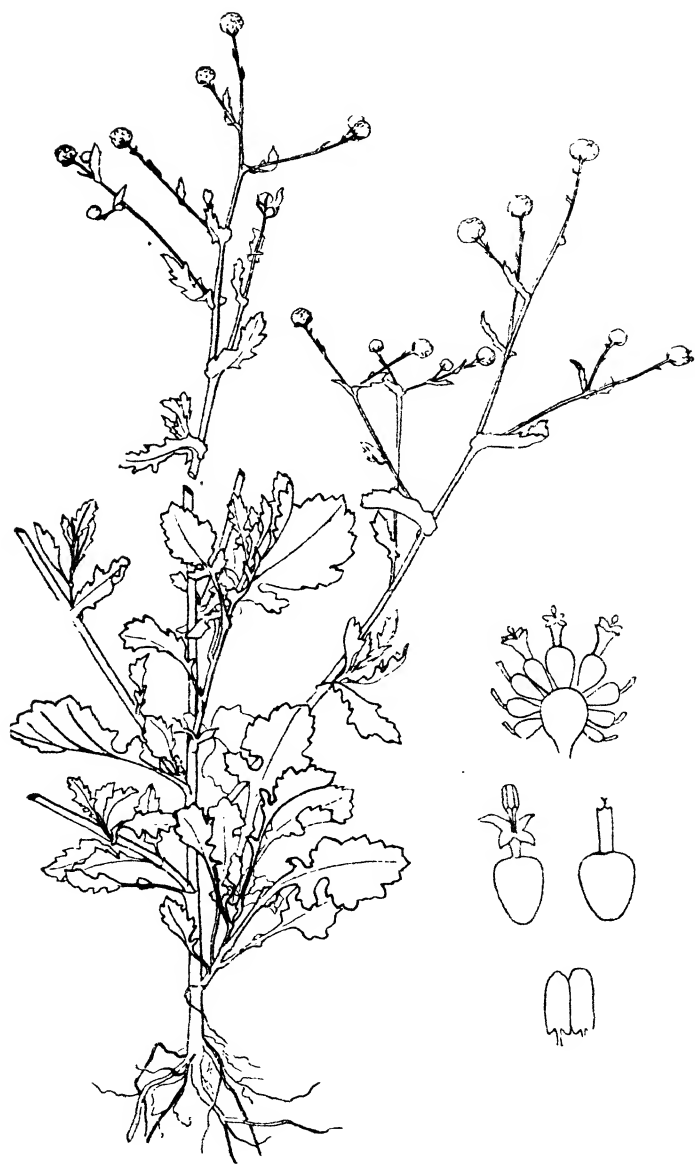


D. R. Fyson.

DICROCEPHALA LATIFOLIA DC.

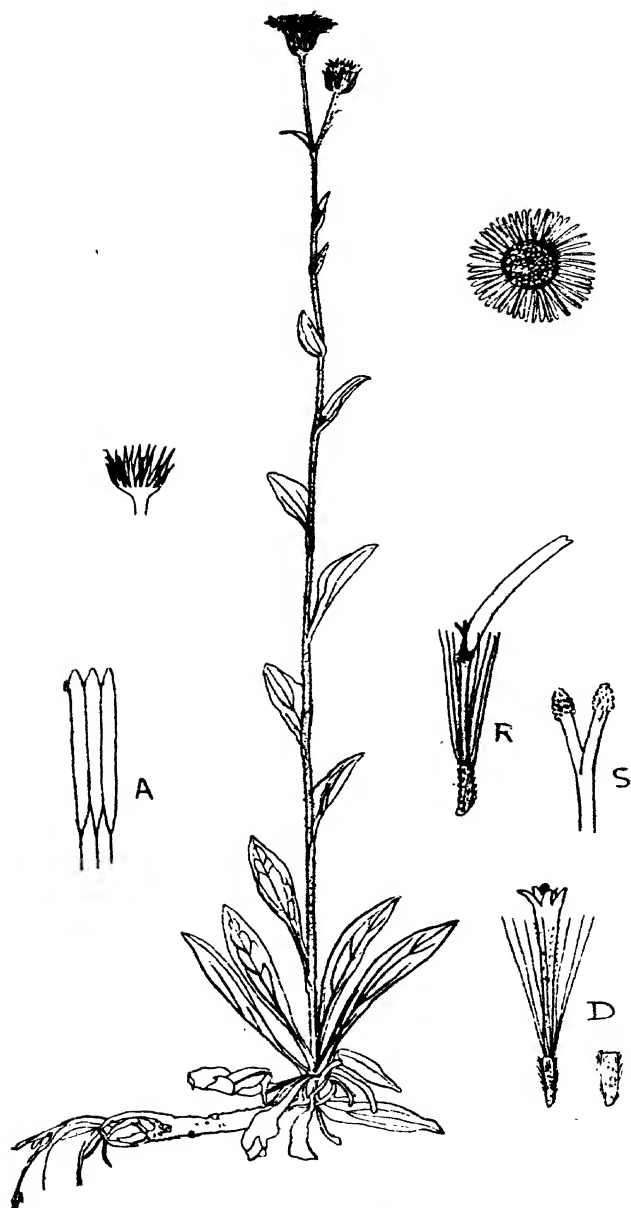


D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.



D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.

*D. R. Fyson.*MYRIACTIS WIGHTII *DC.*

*R. N. G. S.*

ERIGERON ALPINUS L

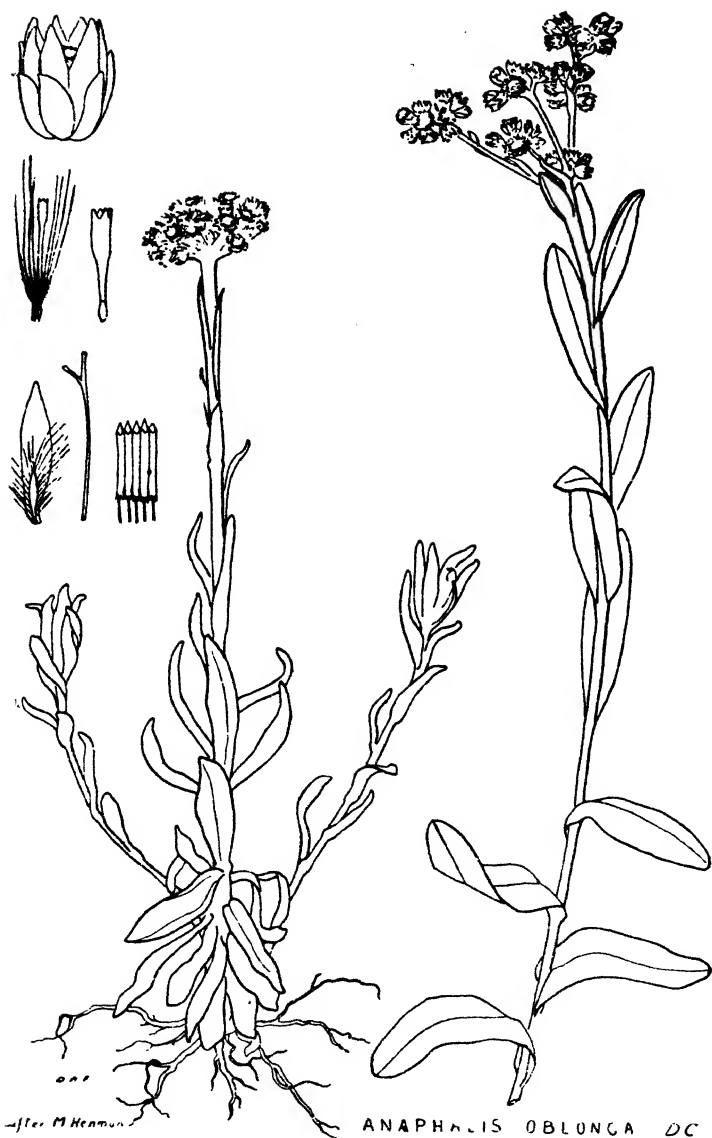
*R. Natesan.*

ANAPHALIS BEDDOMEI Hook & Arn



D. R. F. 1906

ANAPHALIS TRAVANCORICA Sm



ANAPHALIS OBLONGA DC



E. T. Bourne.

ANAPHALIS ARISTATA DC.

COMPOSITÆ.



(1) R.F. 1910

ANAPHALIS WIGHTIANA DC.



DR F. von

ANAPHALIS BOURNEI F. von



ANAPHALIS NEELCERRIANA DC.



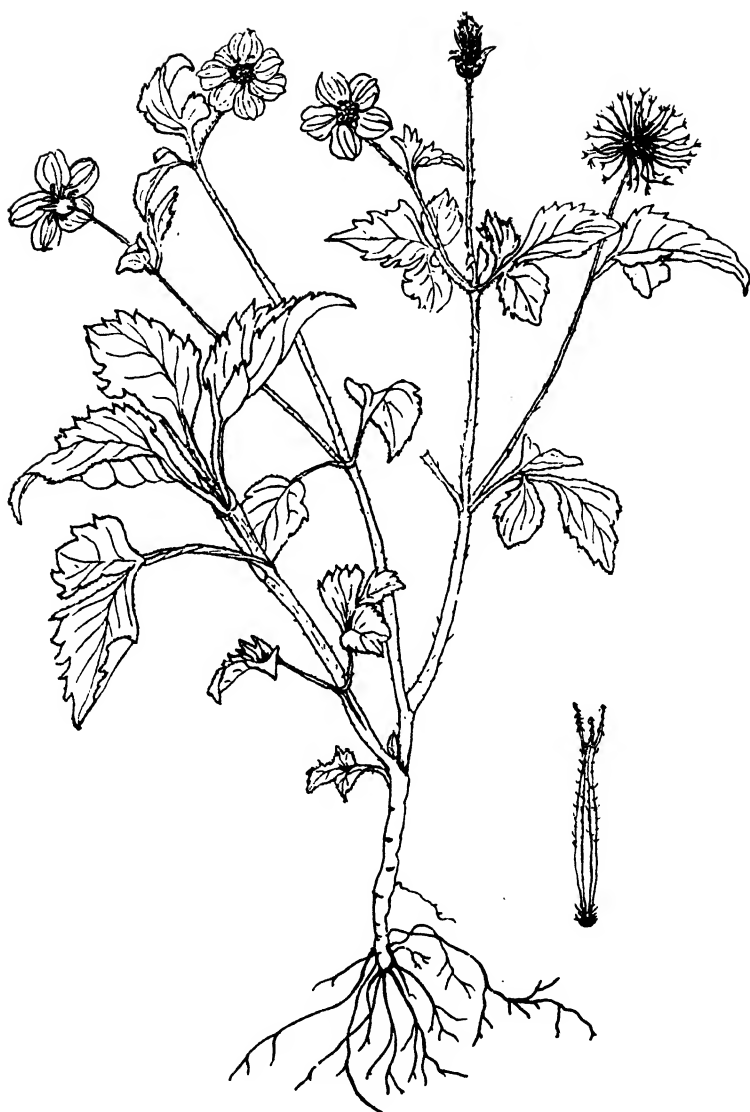
F.T.B.

HELICHRYSUM BUDDLEFOIDES DC.



D. R. Fyson

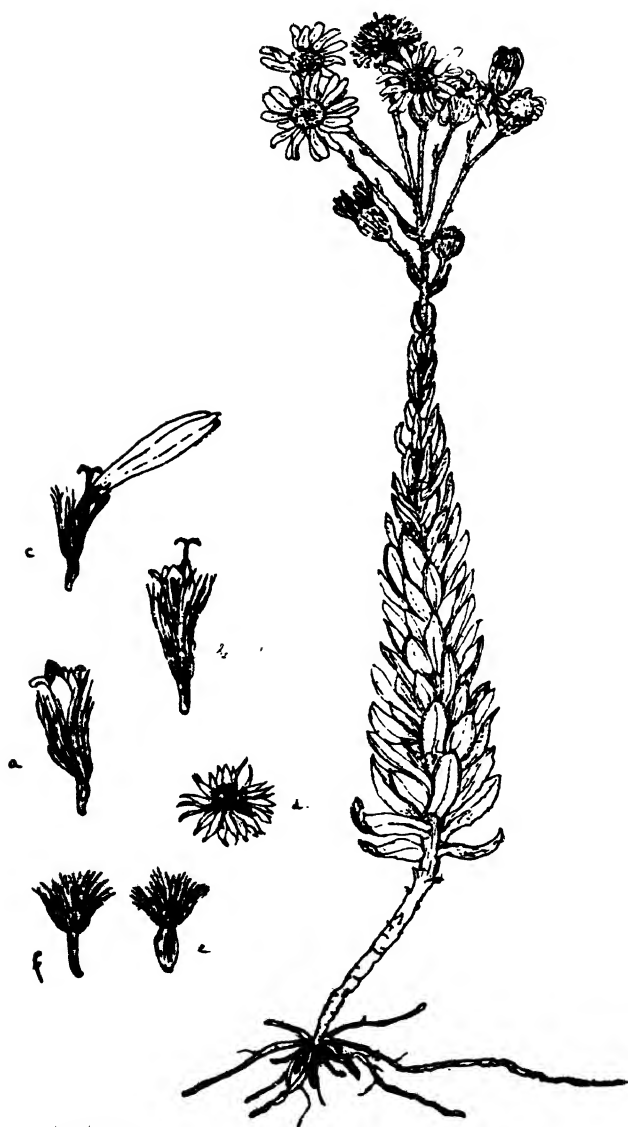
SIEGESBECKIA ORIENTALIS Lin.



E. T. Bourne.

BIDENS PILOSA Linn.





E. T. Bennett.

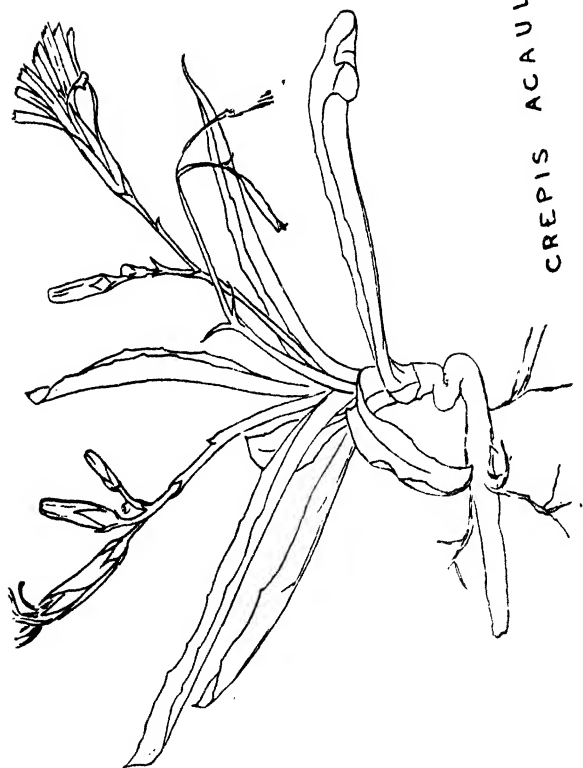
SENECIO LAVANDULÆFOLIUS DC



SENECIO WIGHTIANUS DC

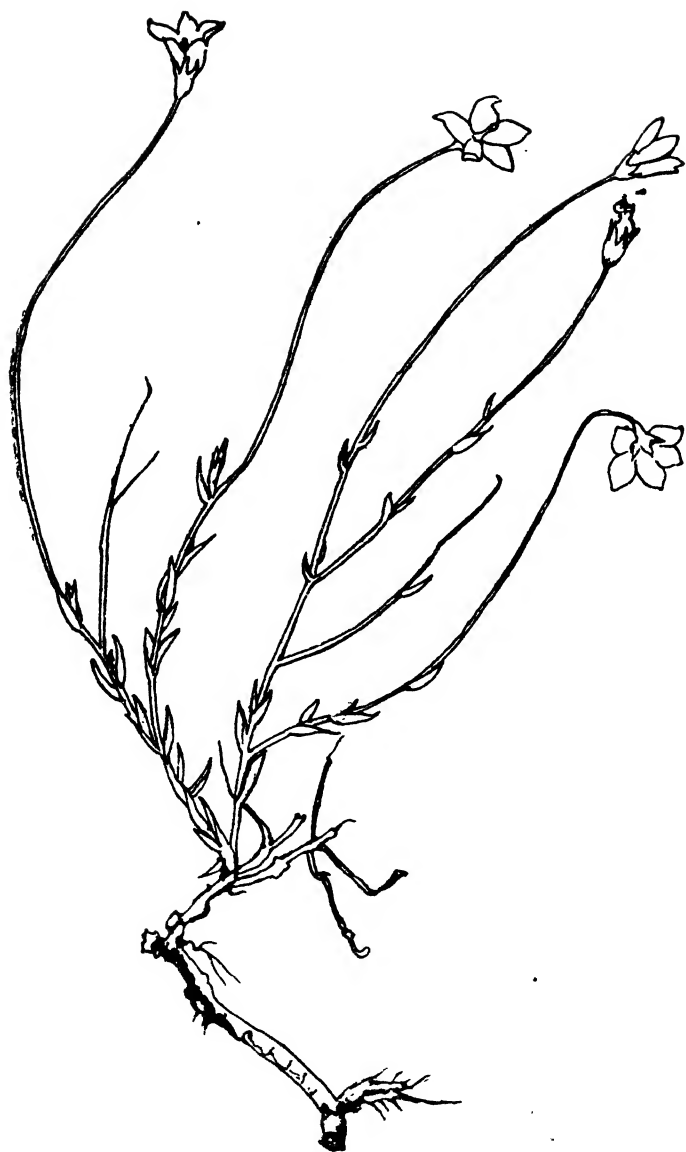
*M. F. Harrison*

PICRIS HIERACIODES L.



Hooker f

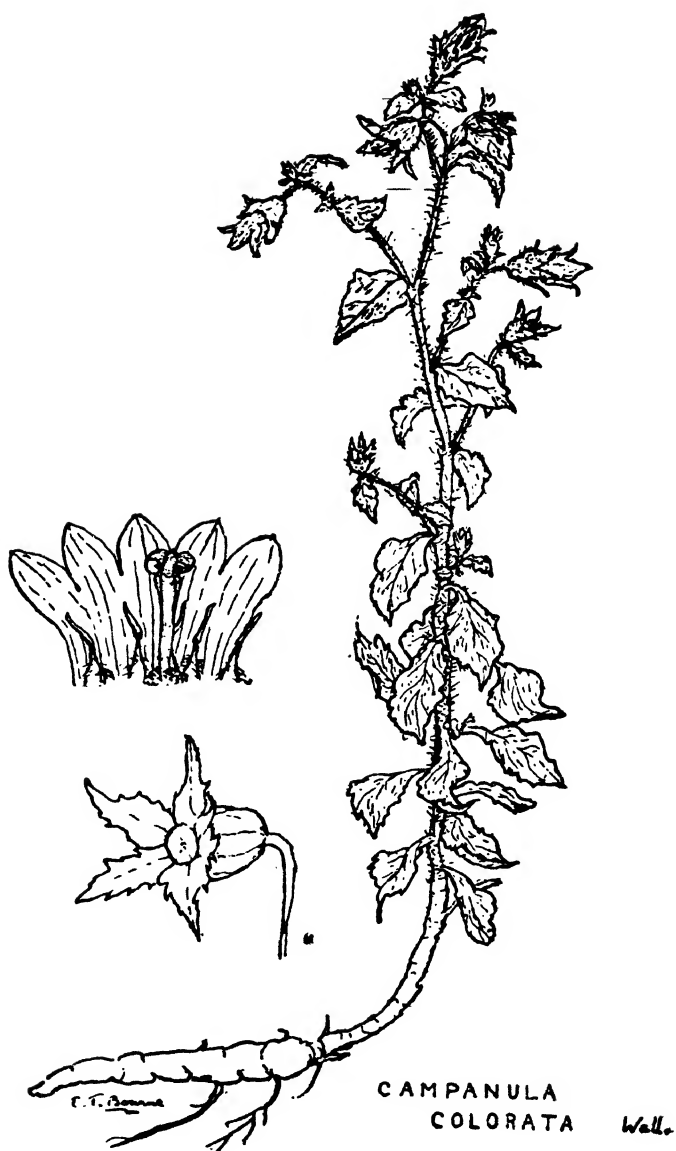
CREPIS ACAULIS

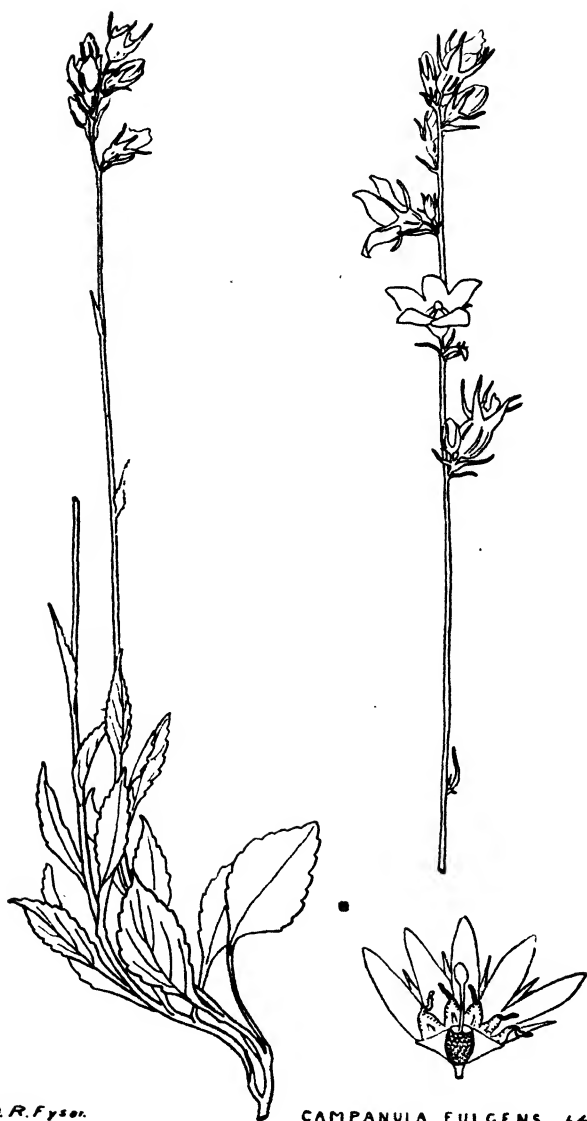


ET Bourne

WAHLENBERGIA

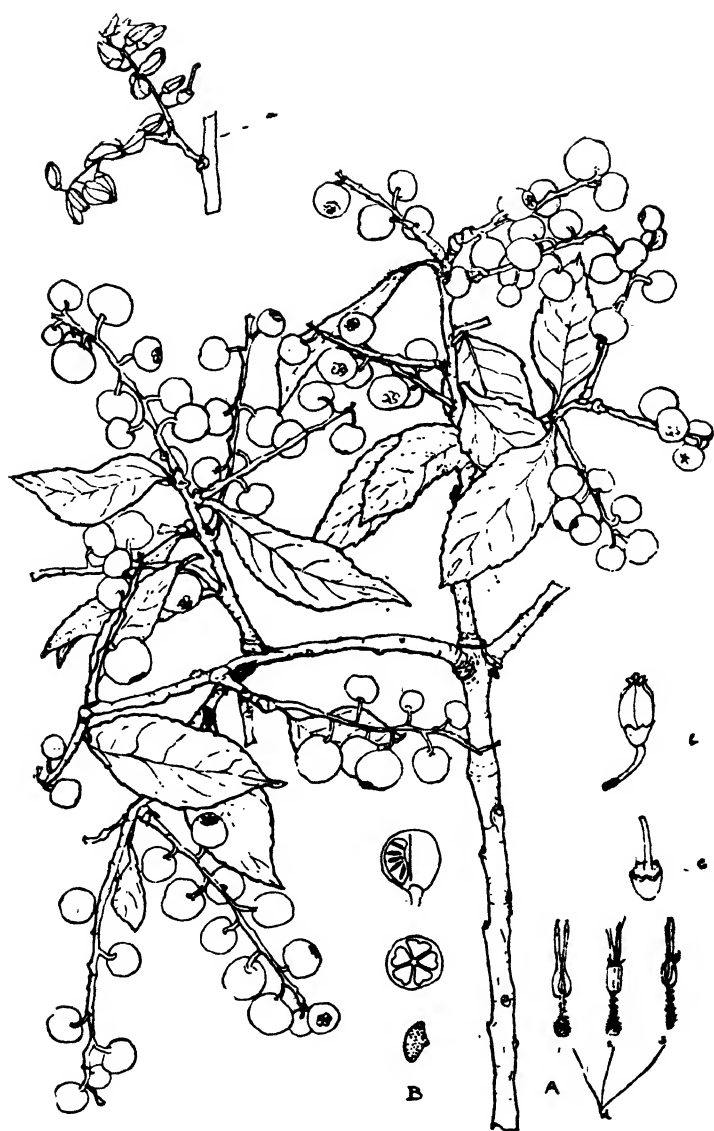
GRACILIS DC





D. R. Fyson.

CAMPANULA FULGENS Wall.



E. T. Bourne. VACCINIUM LESCHENAULTII *Wt.*



M.F. Harrison.

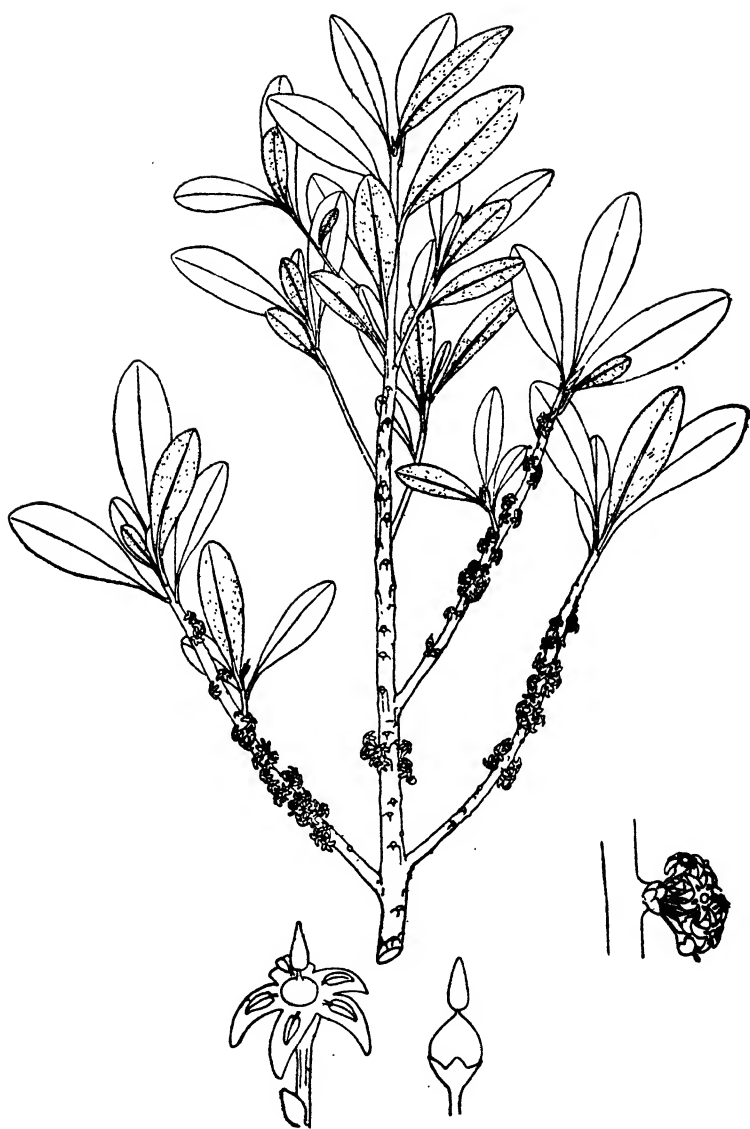
RHODODENDRON ARBOREUM Sm.



A.E. Micheson.

LYSIMACHIA LESCHENAULTII Dubs





MYRSINE WIGHTIANA Wall



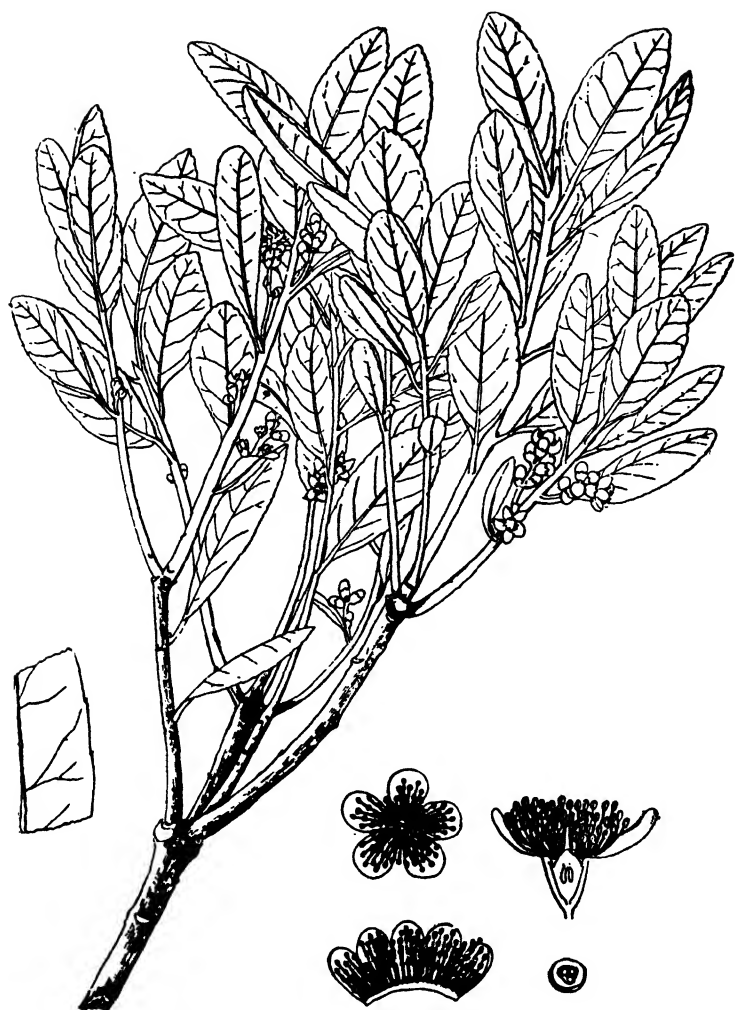
P. Nolasen

SIDEROXYLON TOMENTOSUM *Roxb.*

*R. Natesun*

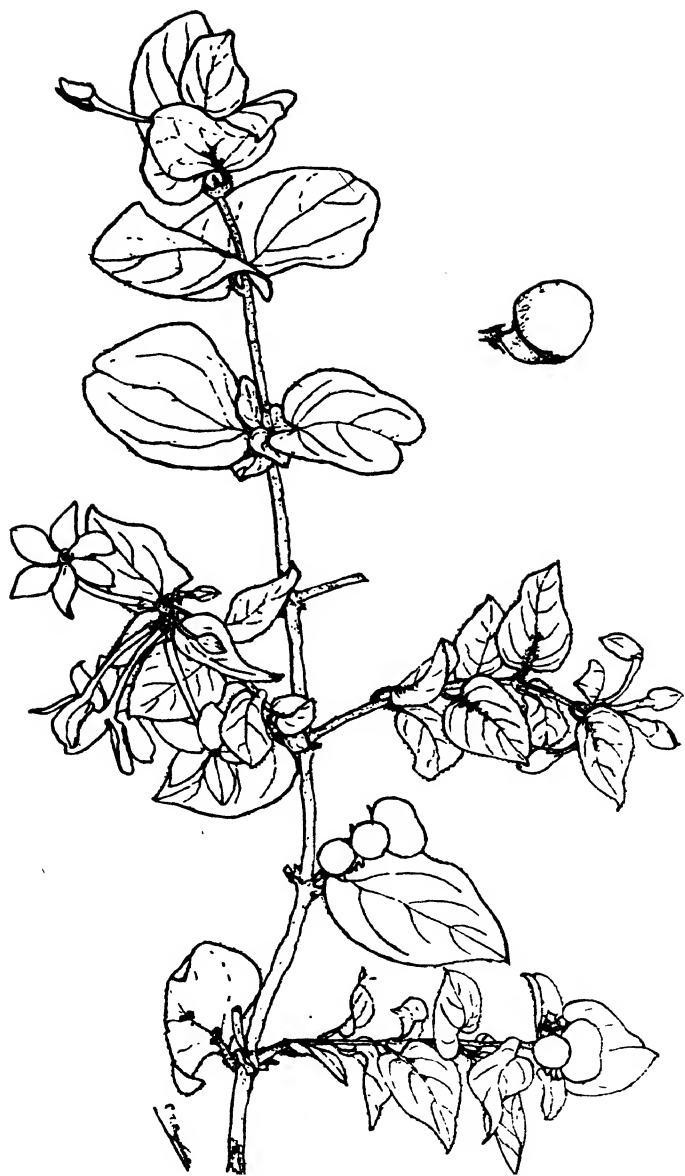
SYMPLOCOS FOLIOSA

Wight

*R. Nolasco*SYMPLOCOS OBTUSA *Willd.*



S. Natesan SYMPLOCOS PENDULA Wt.

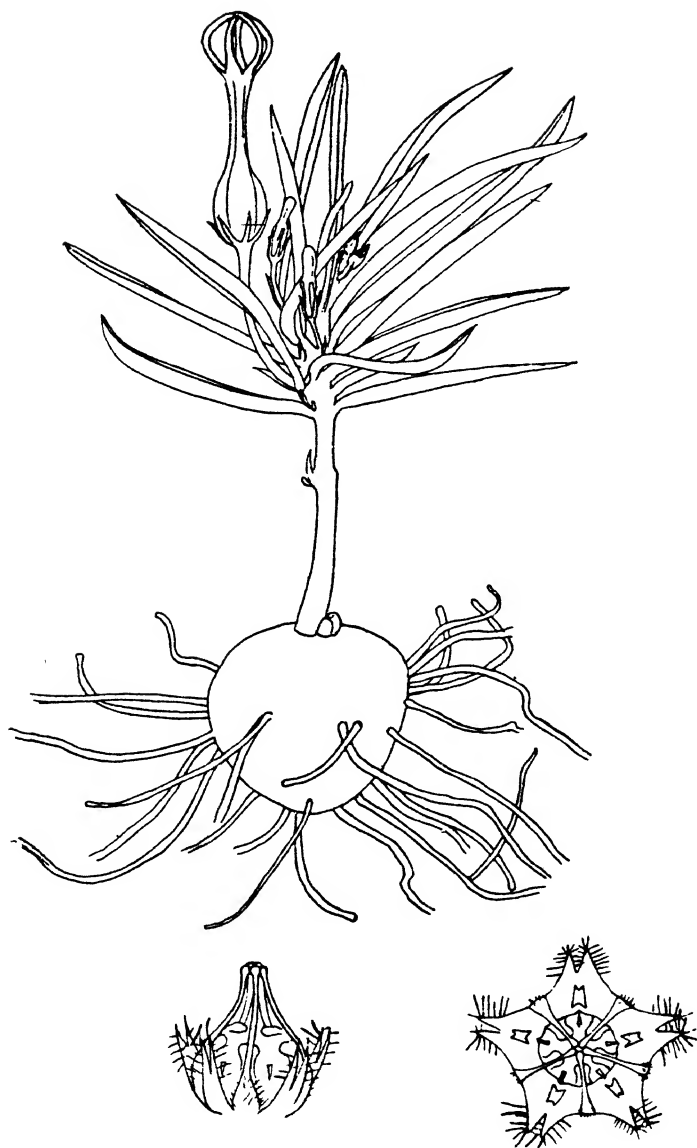


JASMINUM BREVILOBUM DC.

*P. Halesan*OLEA BOURNEI *Fyson*

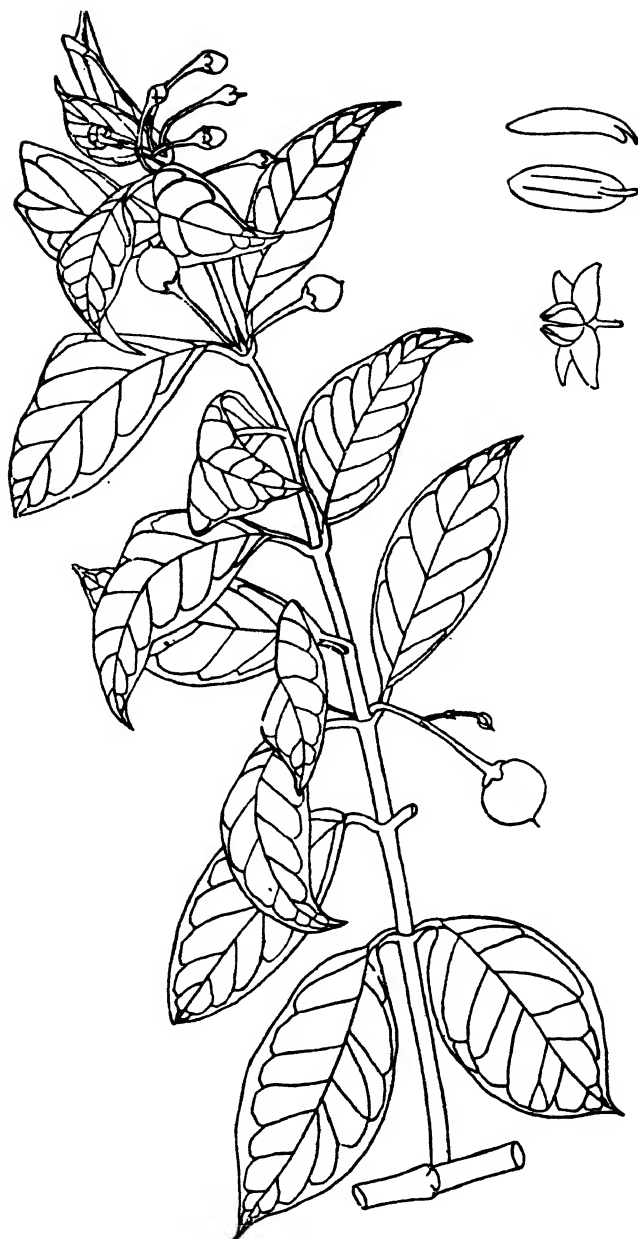
*P. Natesan*

LIGUSTRUM PEROTTETII DC



R. Naleson

CEROPEGIA PUSILLA *Wt*



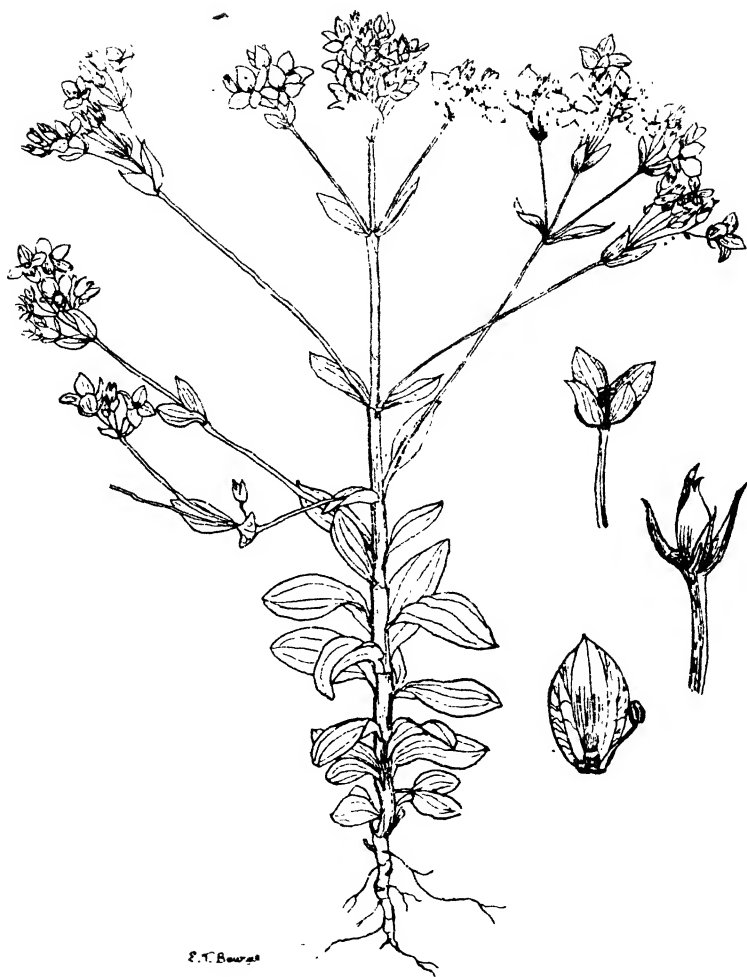
GARDNERIA OVATA Walp.

R. Hartson



M.F. Harrison.

GENTIANA QUADRIFARIA Blume

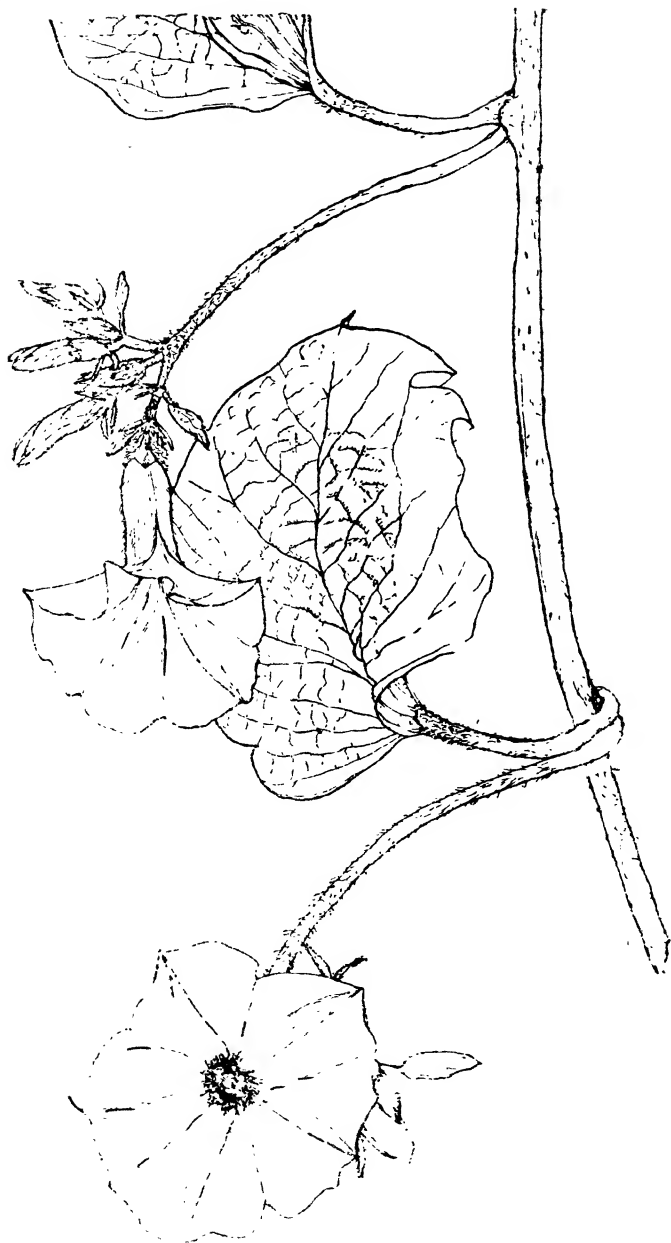


SWERTIA CORYMBOSA Wt

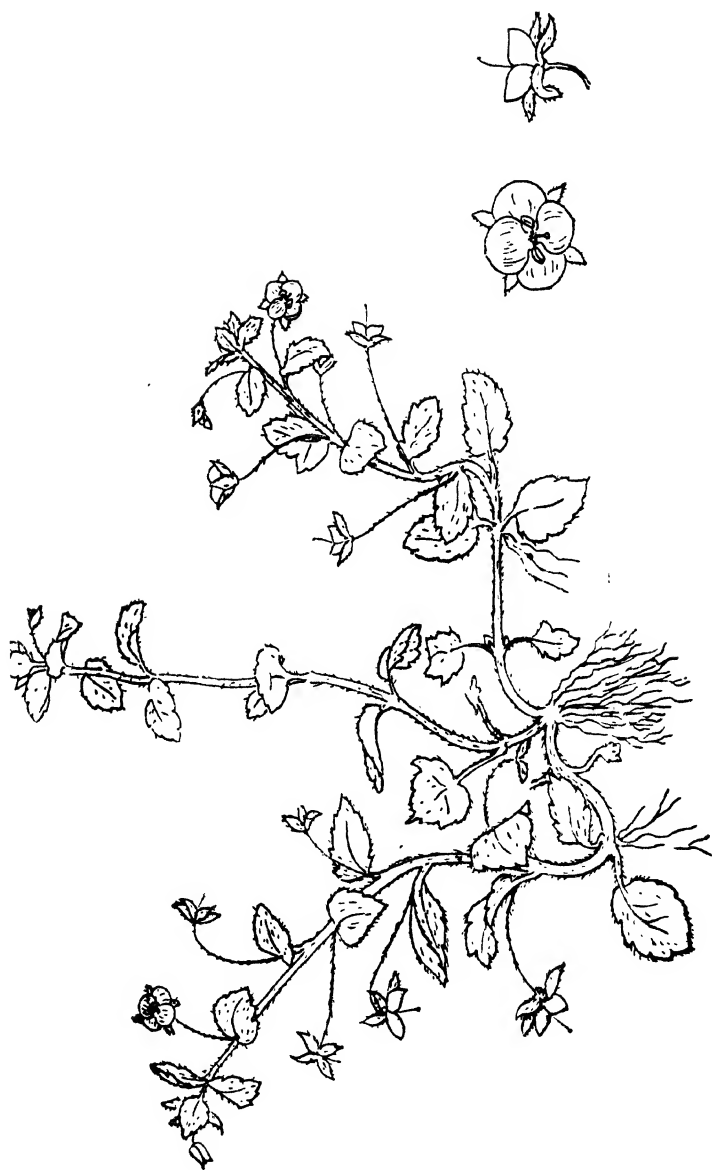


CYNOGLOSSUM

FURCATUM

ARGYREIA HIRSUTA *Am.*





VERONICA AGRESTIS Linn.



SOPUBIA DELPHINIFOLIA G. Don



P.T. Broune

SOPUBIA TRIFIDIA Ham.

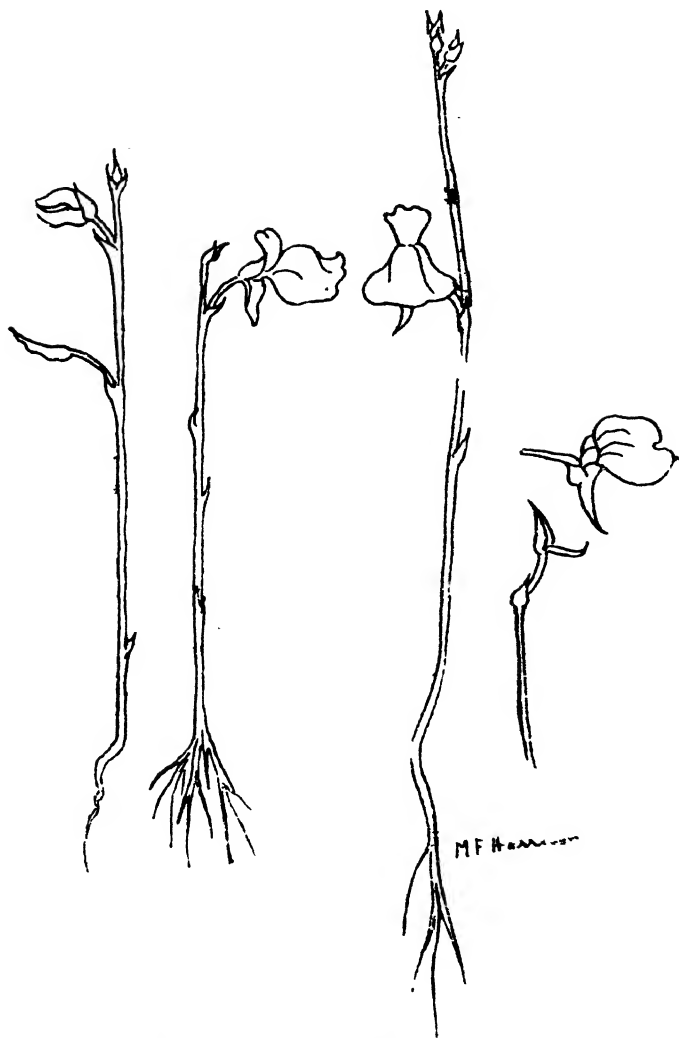


Z.T. Bourne

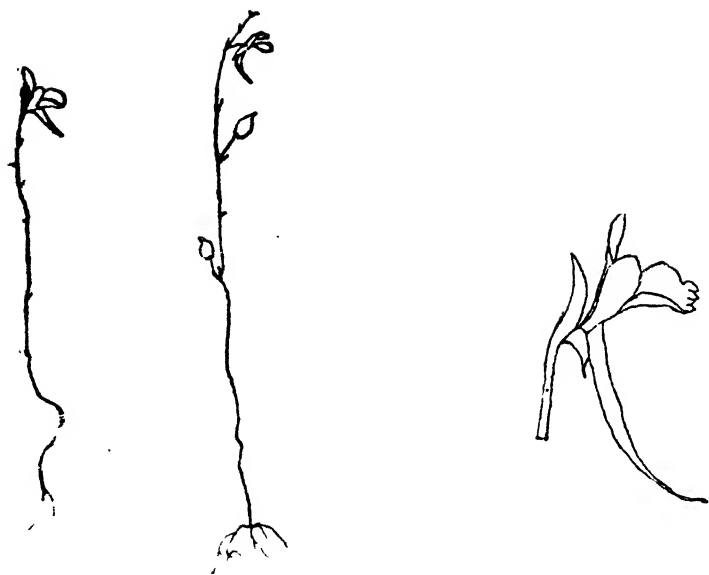
PEDICULARIS ZEYLANICA *Senth.*

*after N. Cox*

PEDICULARIS PERROTTETII Benth.



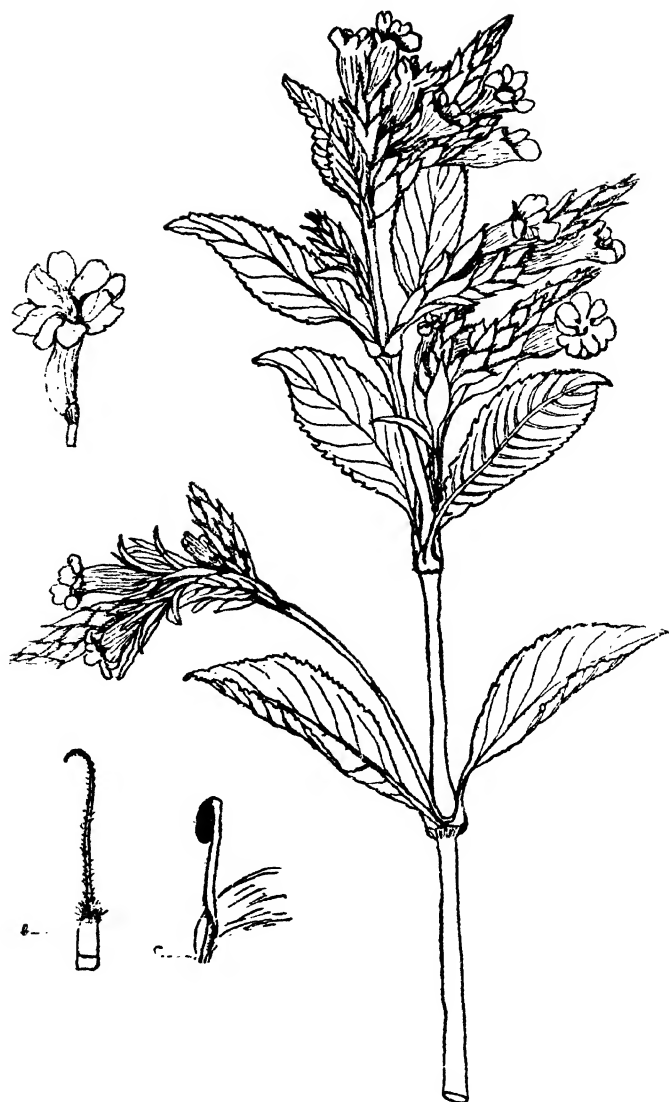
UTRICULARIA CŒRULEA Linn.



d. aurea



Didymocarpus tomentosa W.

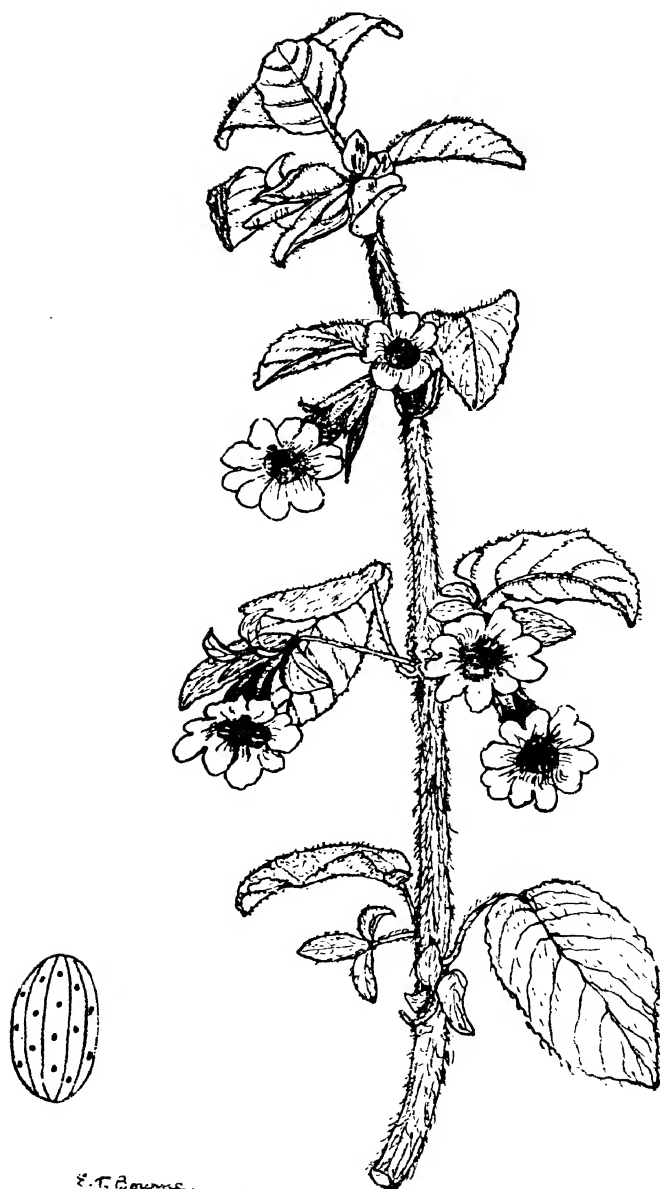


E. T. Bourne. STROBILANTHES KUNTHIANUS *T. Anders.*

*E. T.ourn.*

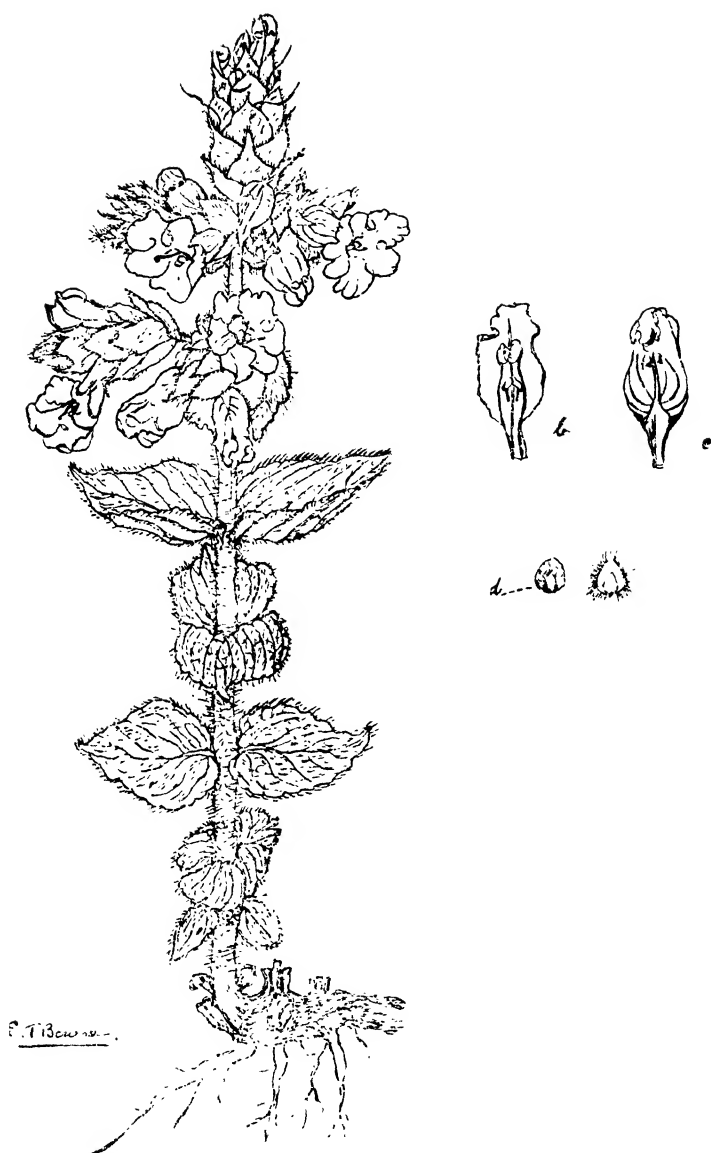
STROBILANTHES CUSPIDATUS

T. Anders.



E. T. Bourne.

STROBILANTHES WIGHTIANUS Nees



STROBILANTHES SESSILIS Nees



ANDROGRAPHIS LOBELIOIDES Wight



JUSTICIA NILGHERRENSIS Wall.



JUSTICIA SIMPLEX Don



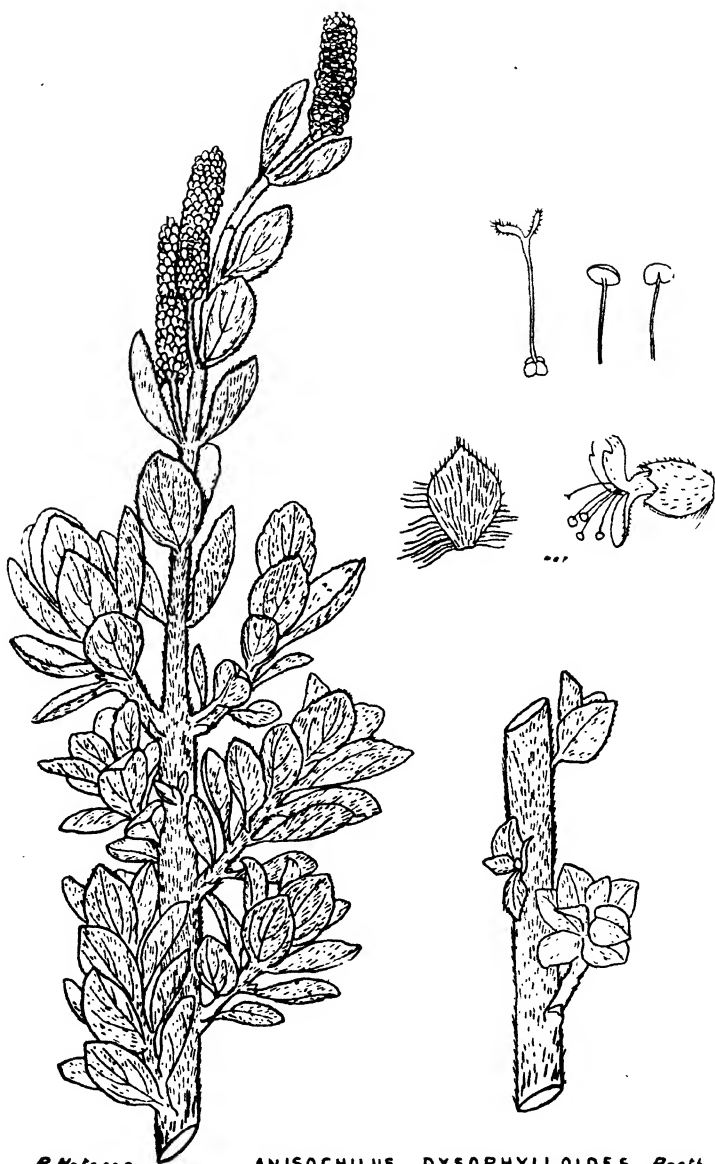
VERBENA VENOSA Gill. & Hook



VERBENA BONARIENSIS Linn



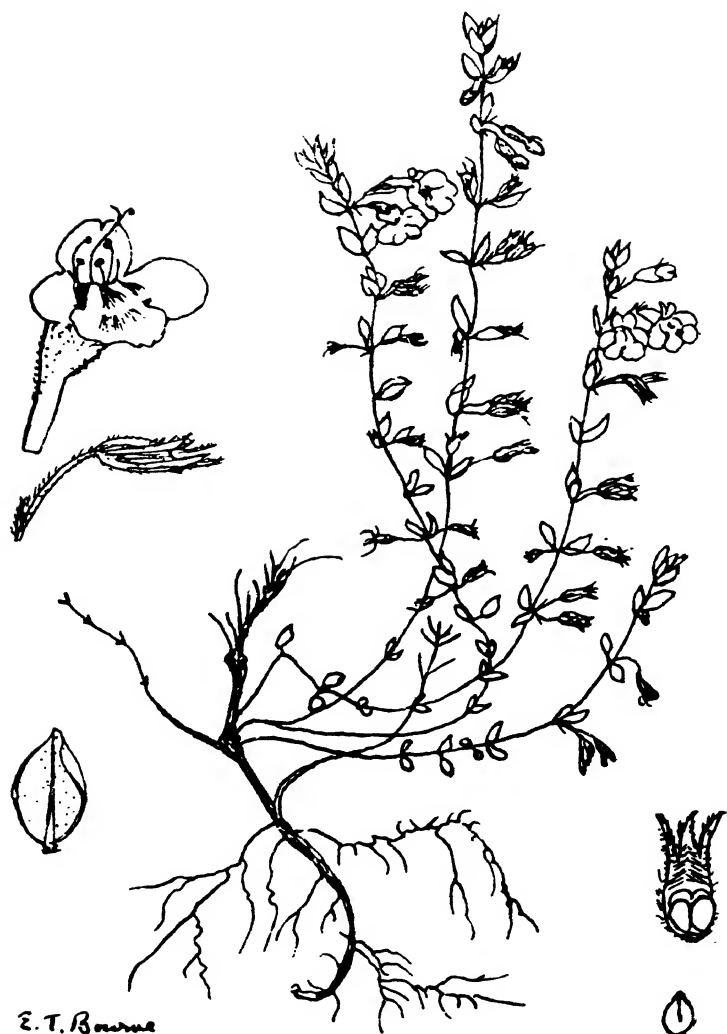
COLEUS BARBATUS Benth.

*R. Nolasco***ANISOCHILUS DYSOPHYLLOIDES** *Benth*



A. T. G. H. H. H.

POGOSTEMON SPECIOSUS. *Benth*



E. T. Bourne

MICROMERIA BIFLORA *Booth.*



RP. Bonnier.

SCUTELLARIA VIOLACEA Heyne



E. T. Bourne

BRUNELLA VULGARIS L. var. HISPIDA Benth.



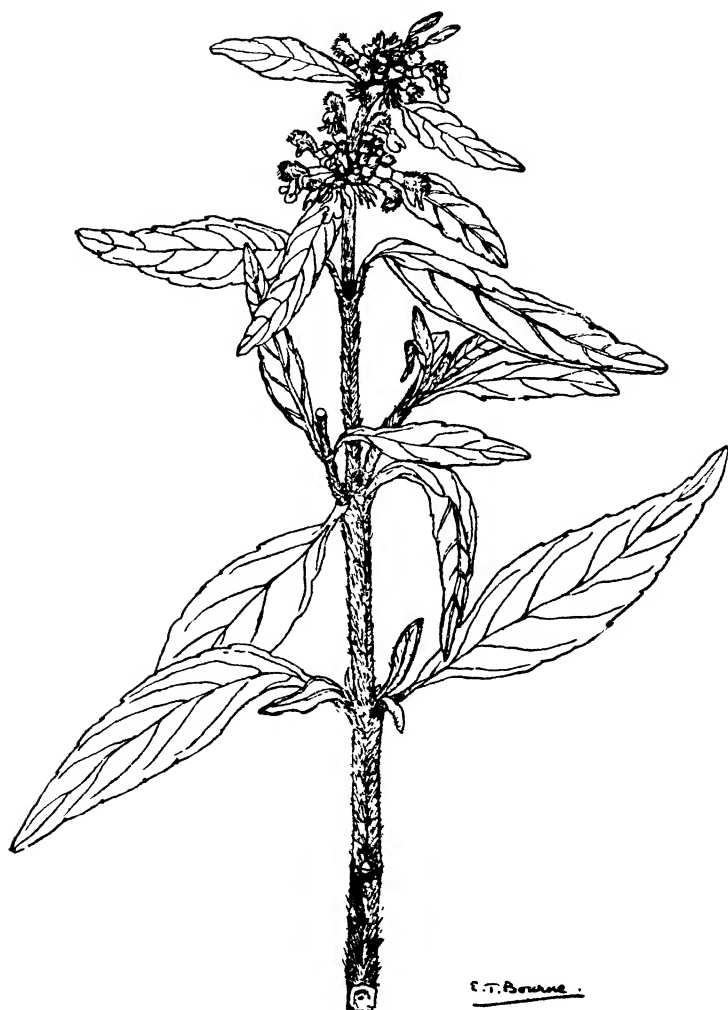
ET Bourne

LEUCAS

ROSMARINIFOLIA B. & A.



LEUCAS SUFFRUTICOSA B. & P.



LEUCAS LANCEÆFOLIA Desf.



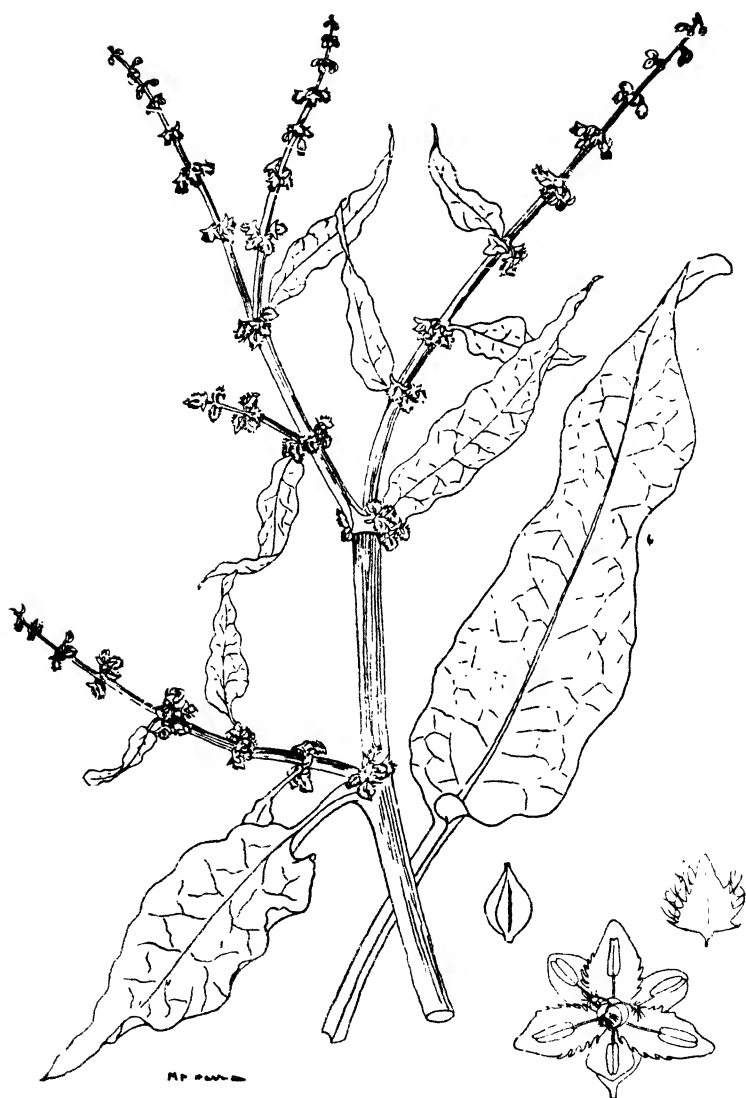
F. Bourne.

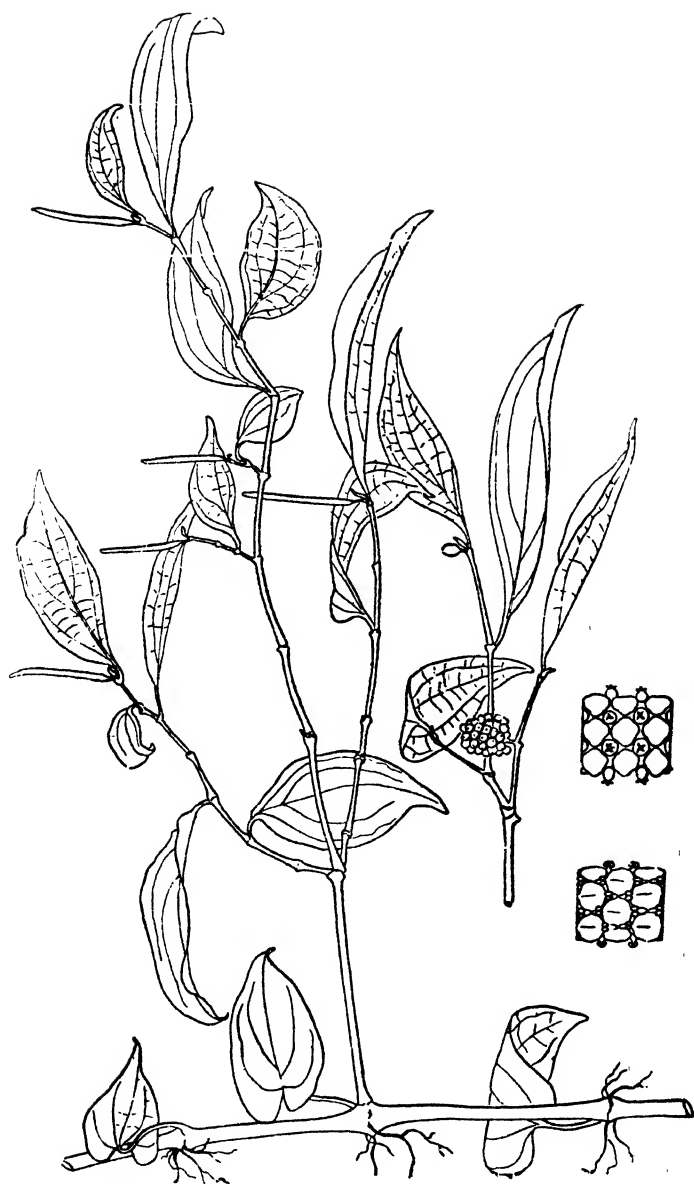
TEUCRIUM WIGHTII Hook f.



PLANTAGO MAJOR L.

*P. Fyson*FAGOPYRUM ESCULENTUM *Moench*

RUMEX NEPALENSIS *Sar.*

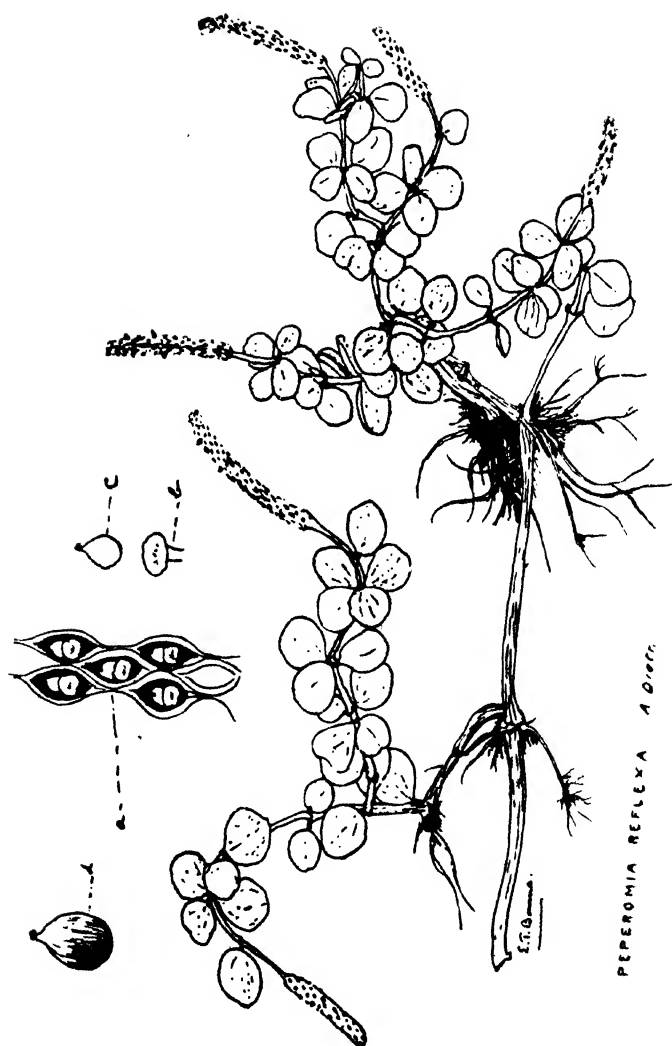


PIPER BRACHYSTACHYUM Wall.
D.R. Fyson

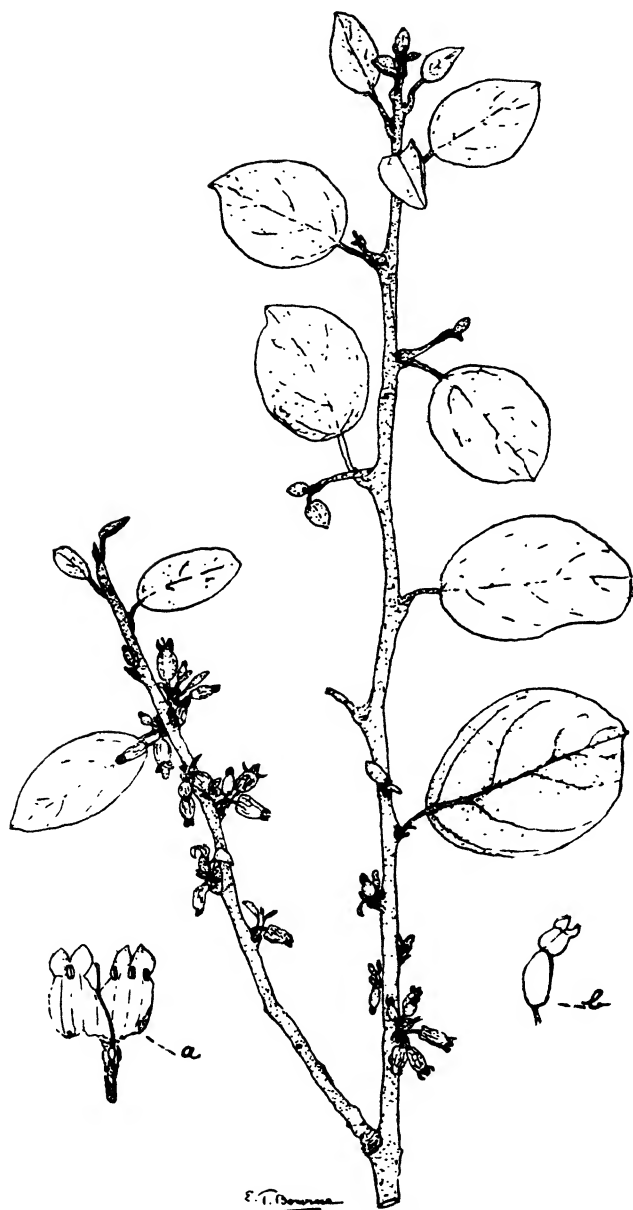


PIPER SCHMIDTII H. & A.

A. Nelson



PIPEROMIA REFLEXA A. Dietr.



ELÆAGNUS LATIFOLIA Linn.



LORANTHUS CUNEATUS Hayne



L. T. Bourne

LORANTHUS NEELGHERRENSIS Lf.



F. G. ...

LORANTHUS LONICEROIDES L

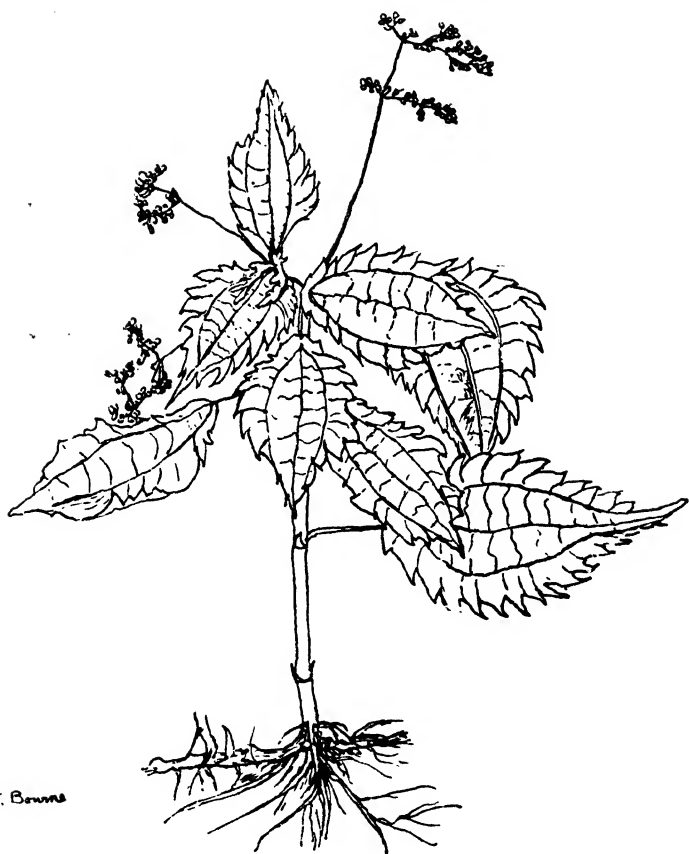


SARCOCOCCA

PRUNIFORMIS Lindl

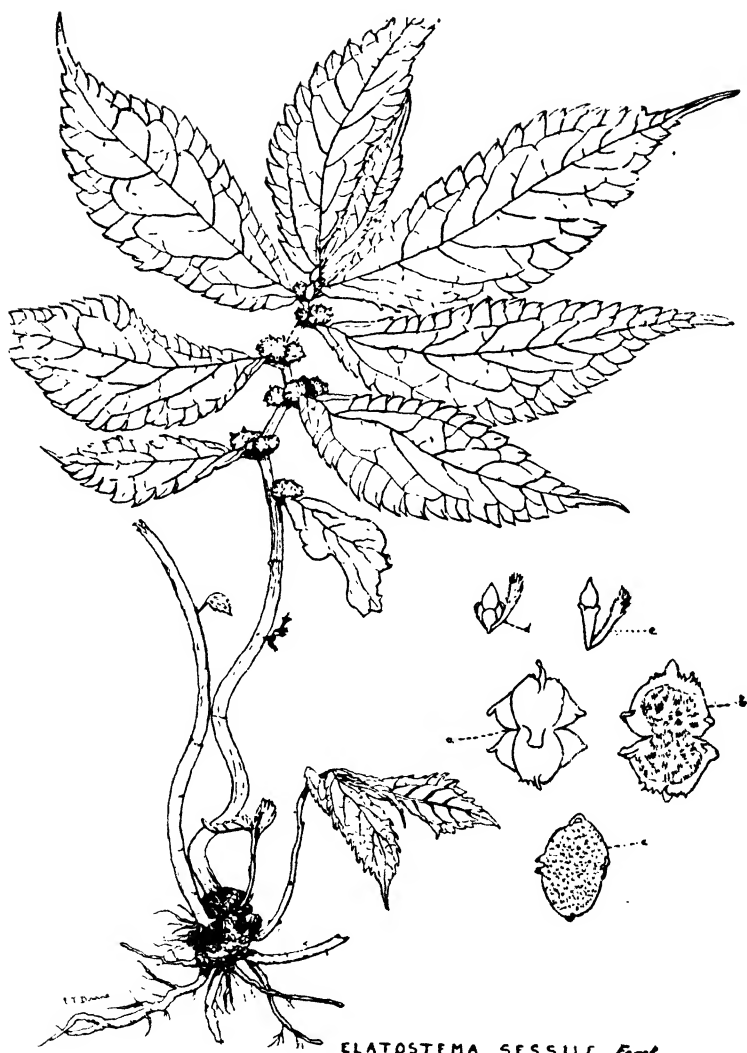


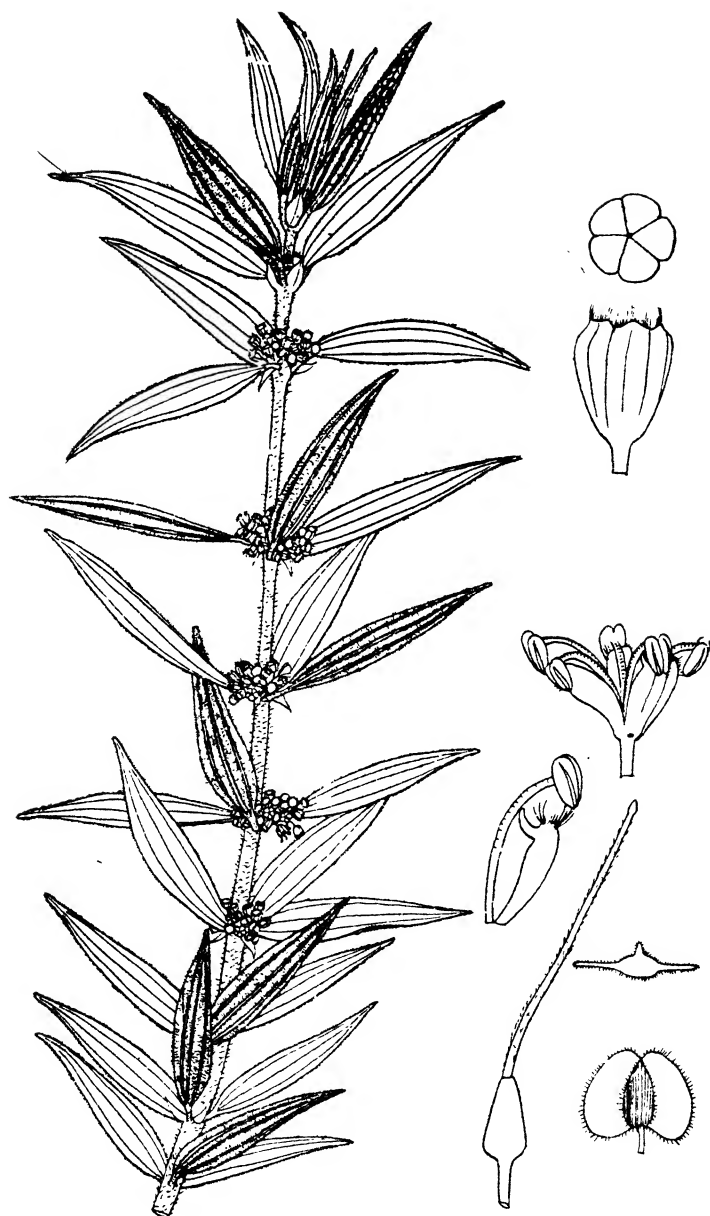
LAPORTEA TERMINALIS Wright

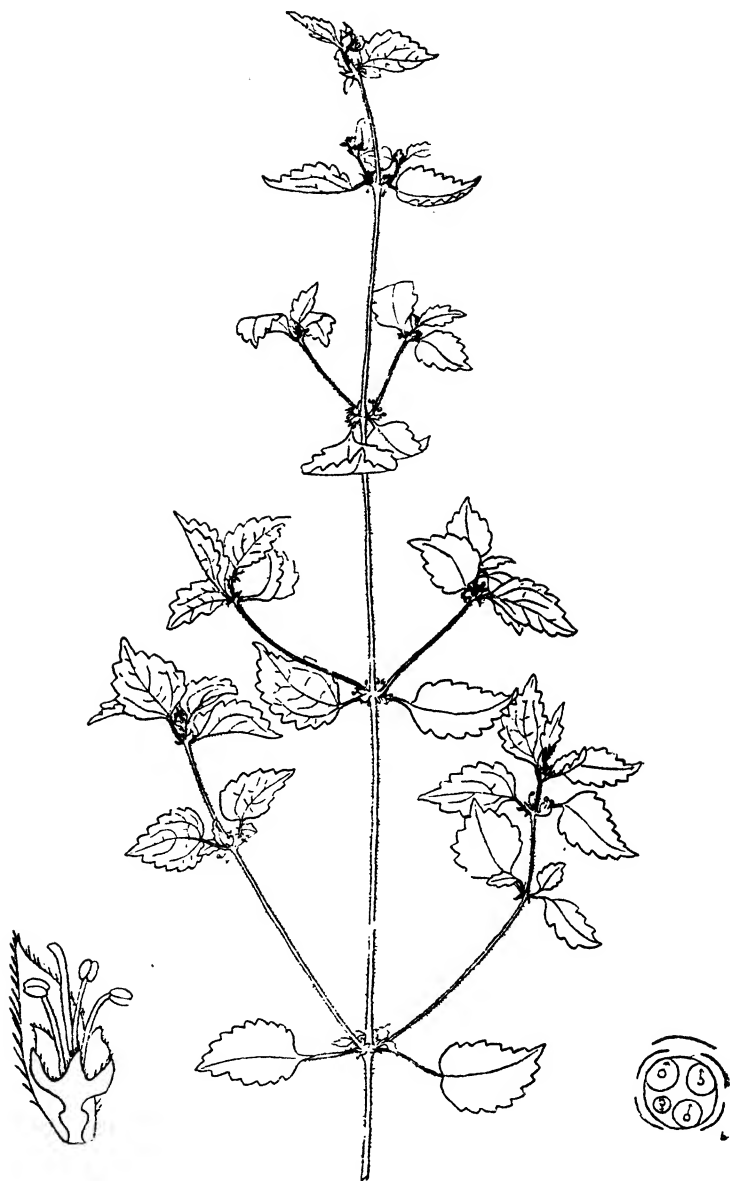


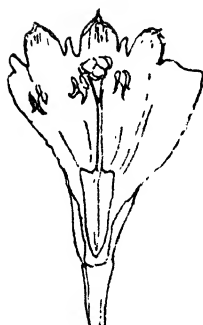
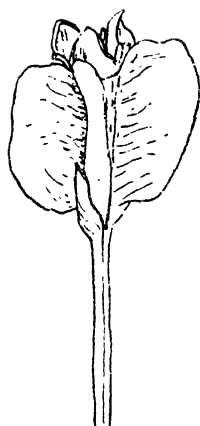
E. T. Bennett

PILEA WIGHTII Wedd.

ELATOSTEMA SESSILE *Forst*

*P. Natesan*POUZOLZIA BENNETTIANA *Wt.*

*D R Fyson**DROQUETIA DIFFUSA* Wedd



E. T. Bourne

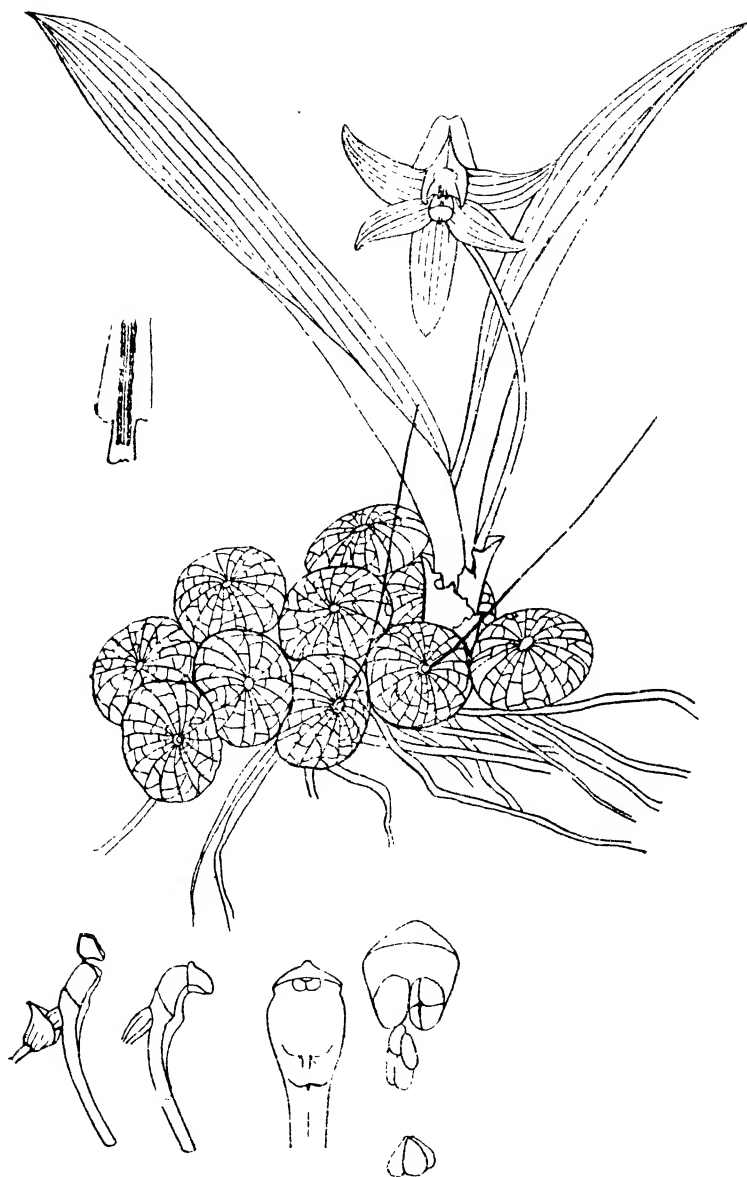


BURMANNIA CANDIDA Griff



S. T. Bourne

MICROSTYLIS VERSICOLOR Wt.



R. Nateson

ERIA BACCATA Lindl.



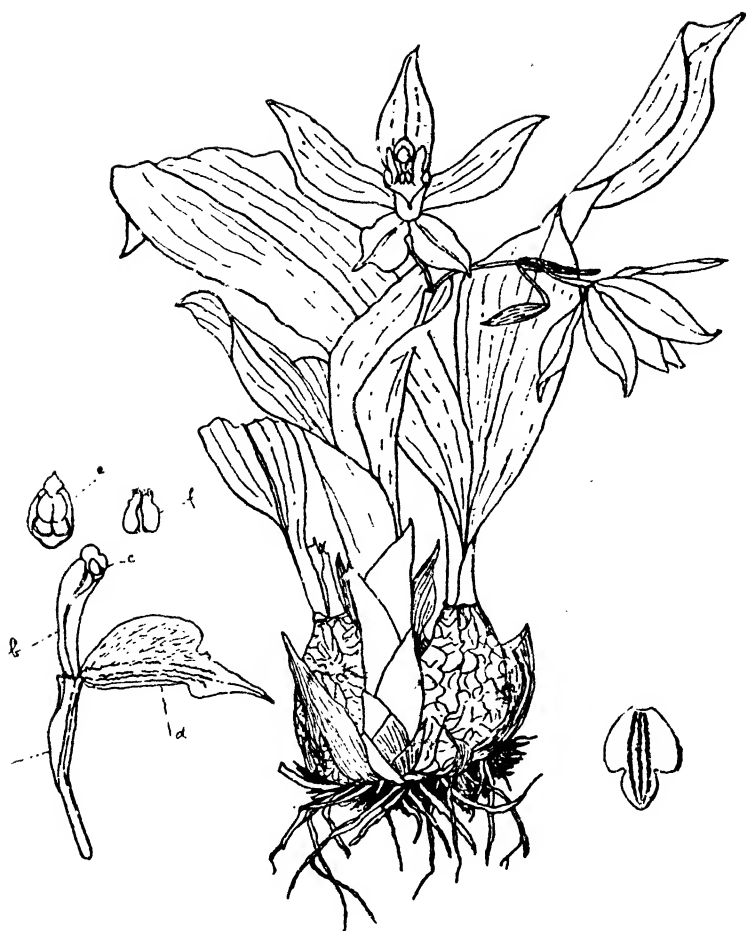
E. T. Bonnier.

ERIA NANA A. R. C.

a

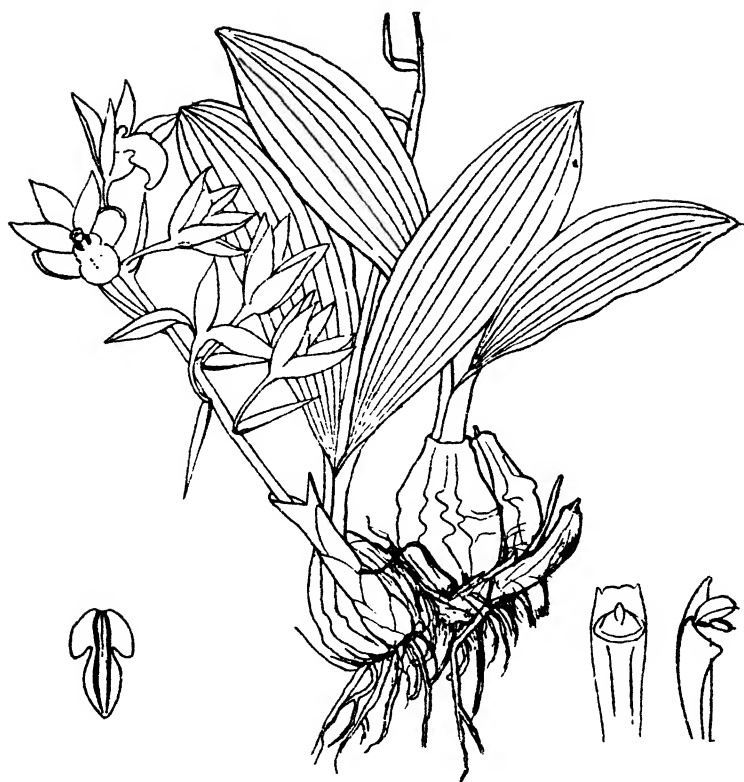


CÆLOGYNE ODORATISSIMA LINDL



E.T. Bourne.

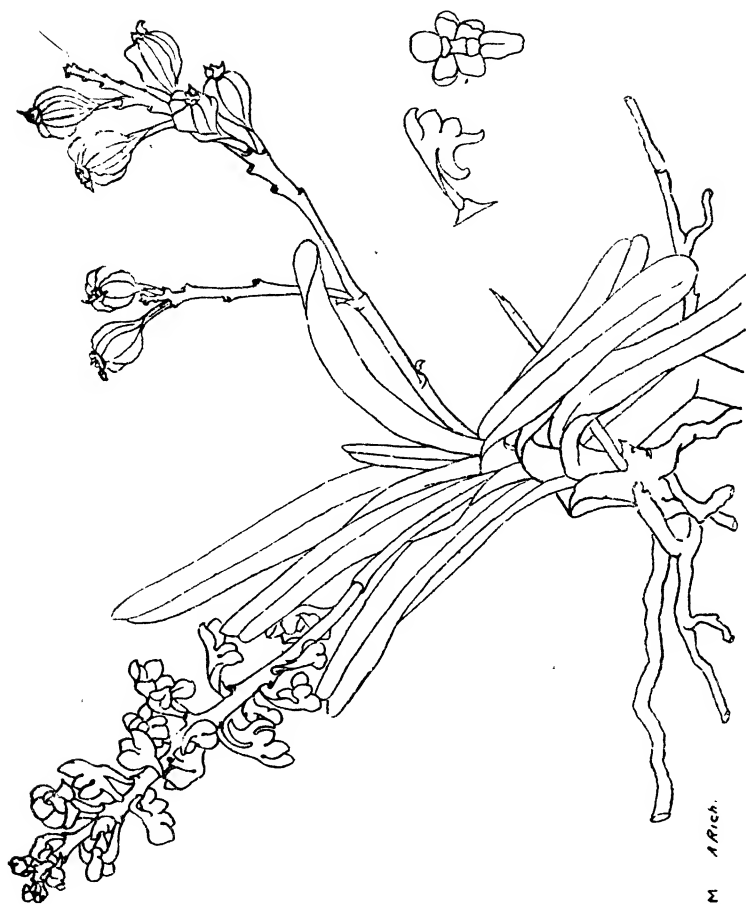
CŒLOGYNE NERVOSA *Rich.*



R. Nalesan

CŒLOGYNE MOSSIÆ *Rdfe*

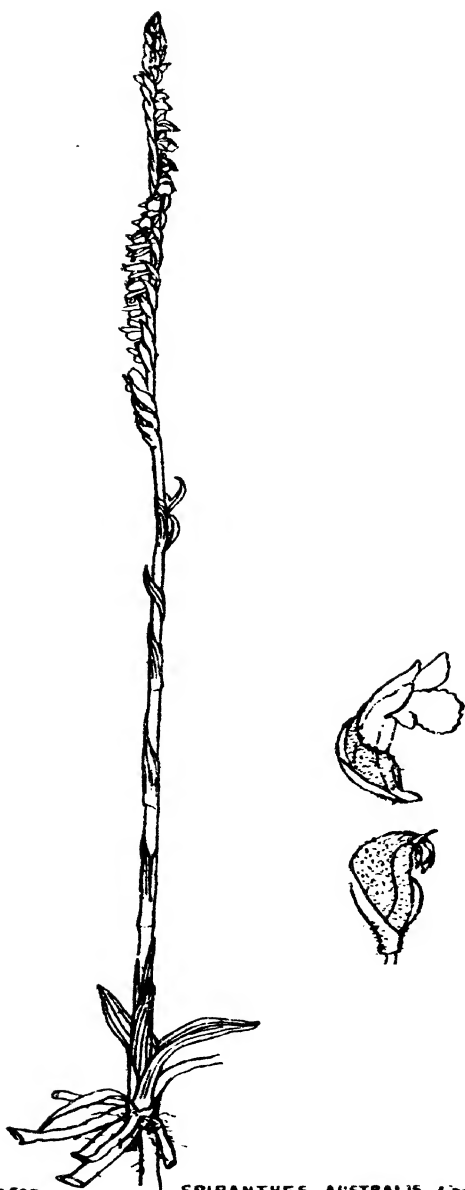
*AERIDES CRISPUM* Lindl.



M. F. Harrison

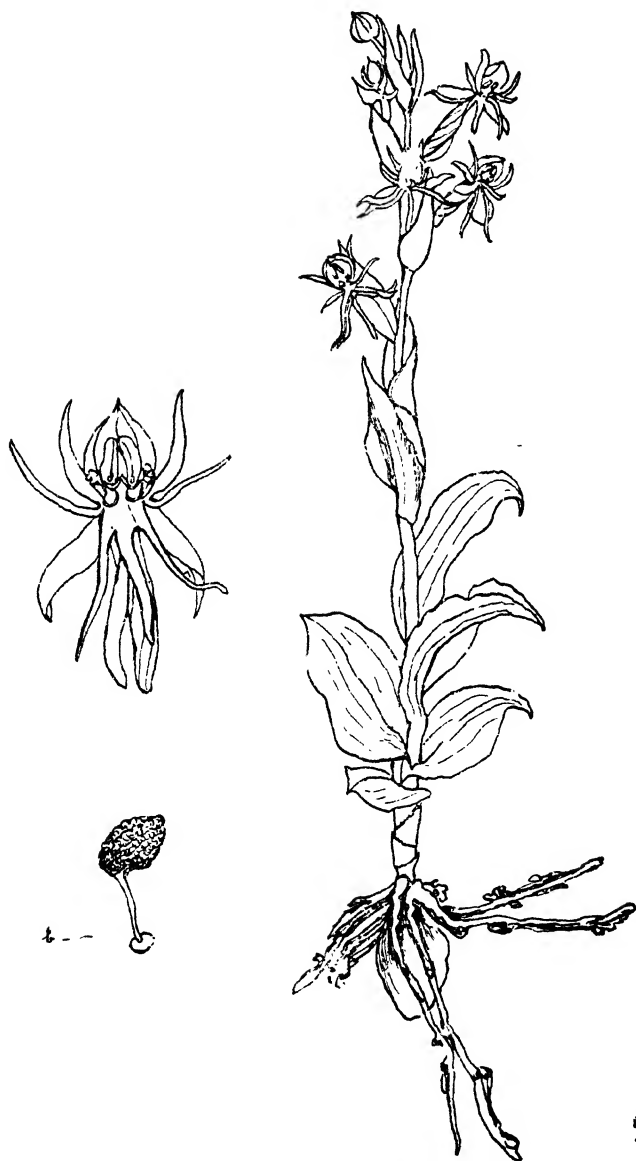
AEPIDES RADICOSUM A. Rich.



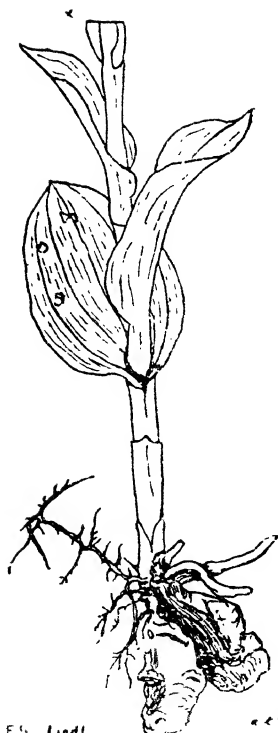
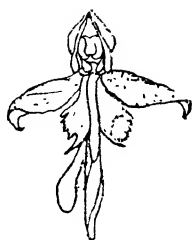


H. N. S. S. S.

SPIRANTHES AUSTRALIS Lindl.

L. T. Boume

HABENARIA FOLIOSA A. Rich.



HADENARIA CEPHALOTES Lindl

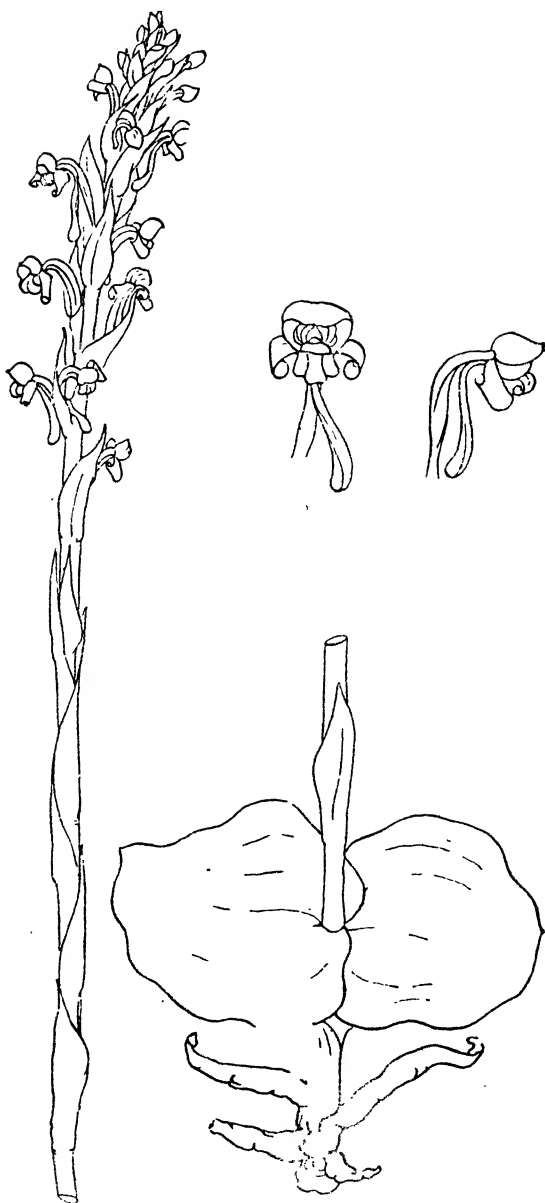


HABENARIA LONGICALCARIA A. Rich.



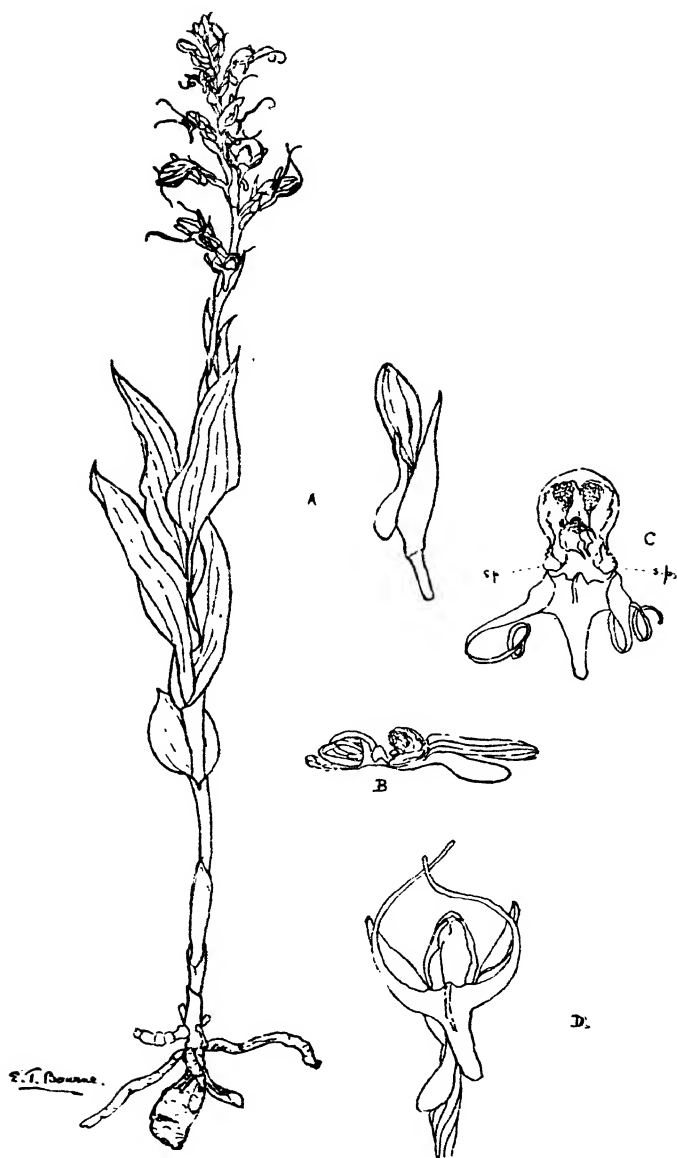
E. T. C. Moore.

HABENARIA SUBPUBENS *A. Rich.*



H.F. Haines

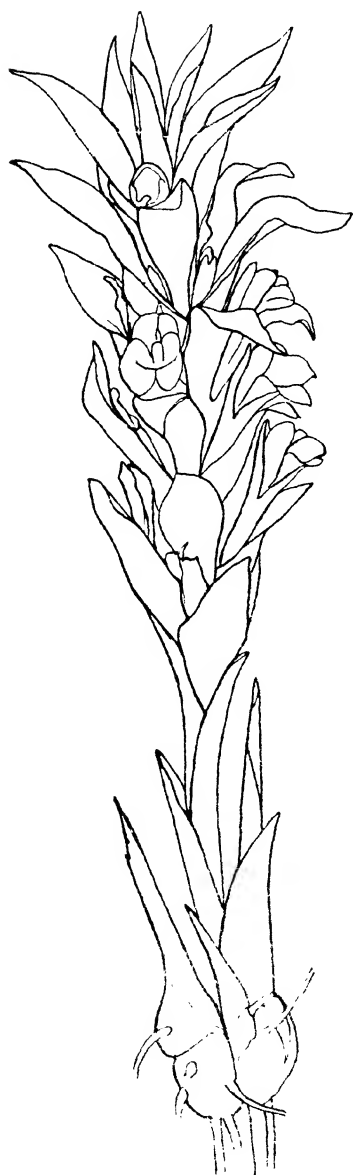
HABENARIA CRASSIFOLIA A. Rich



HABENARIA BICORNUTA Hook. f.

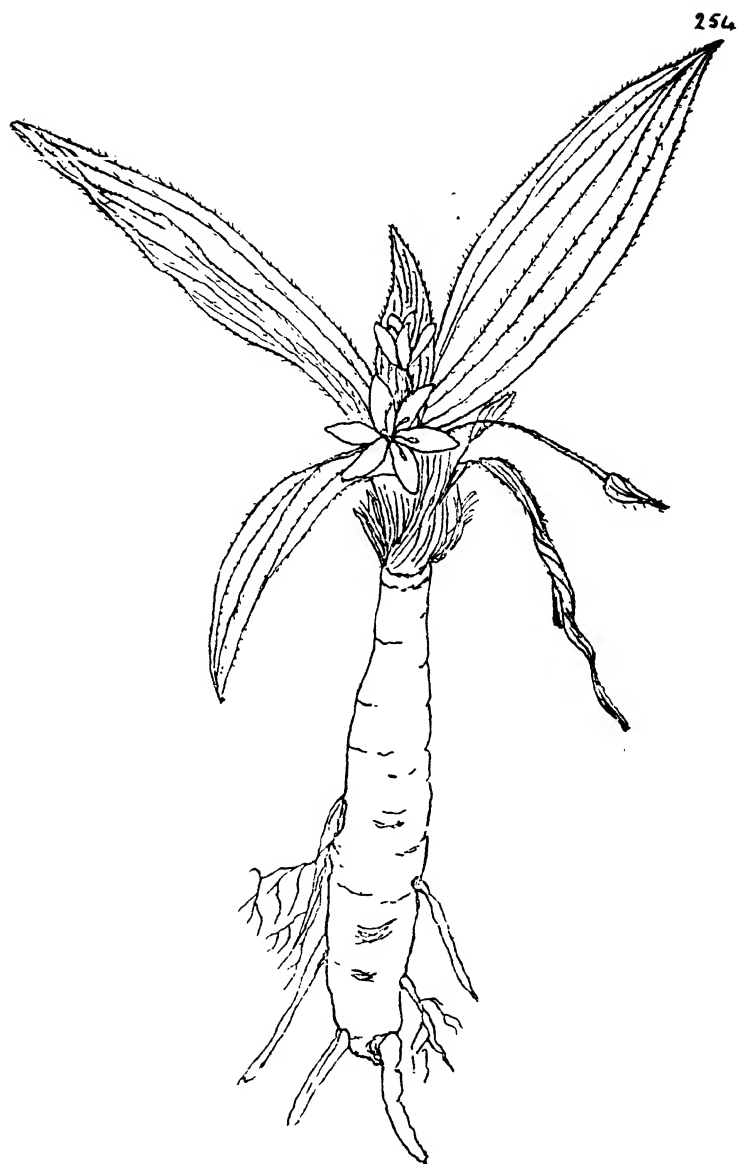


HABENARIA OBCORDATA.



A. Nateson

CURCUMA NEILGHERRENSIS W.



CURCULIGO ORCHIOIDES Gaertn

E. T. Bourne



LT Bourne

SMILAX ASPERA

*A. Nafeson**ASPARAGUS SUBULATUS Sprengel*



R. N. S. S. S.

CHLOROPHYTUM MALABARICUM B. & H.





S.T. Bourne.

XYRIS SCHÆNOIDES Mart.



COMMELINA CŒLESTIS Willd



D.R. Fyson

ANEILEMA PULNEYENSIS Fyson

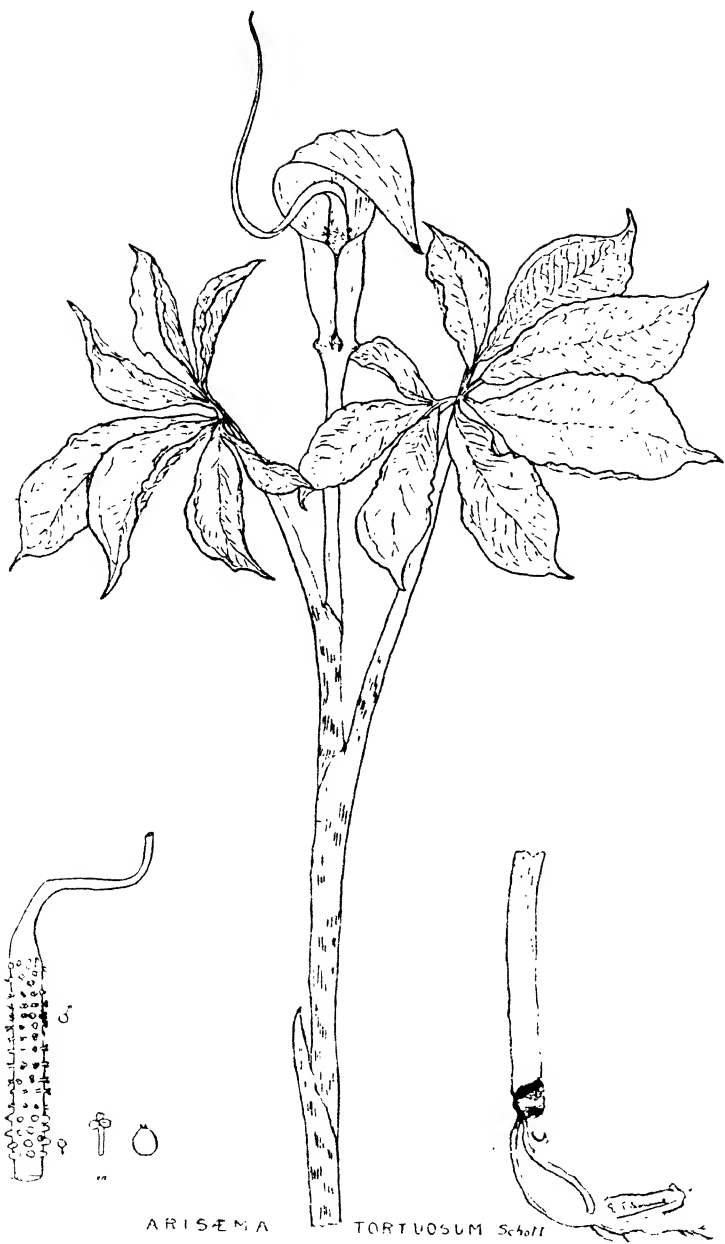


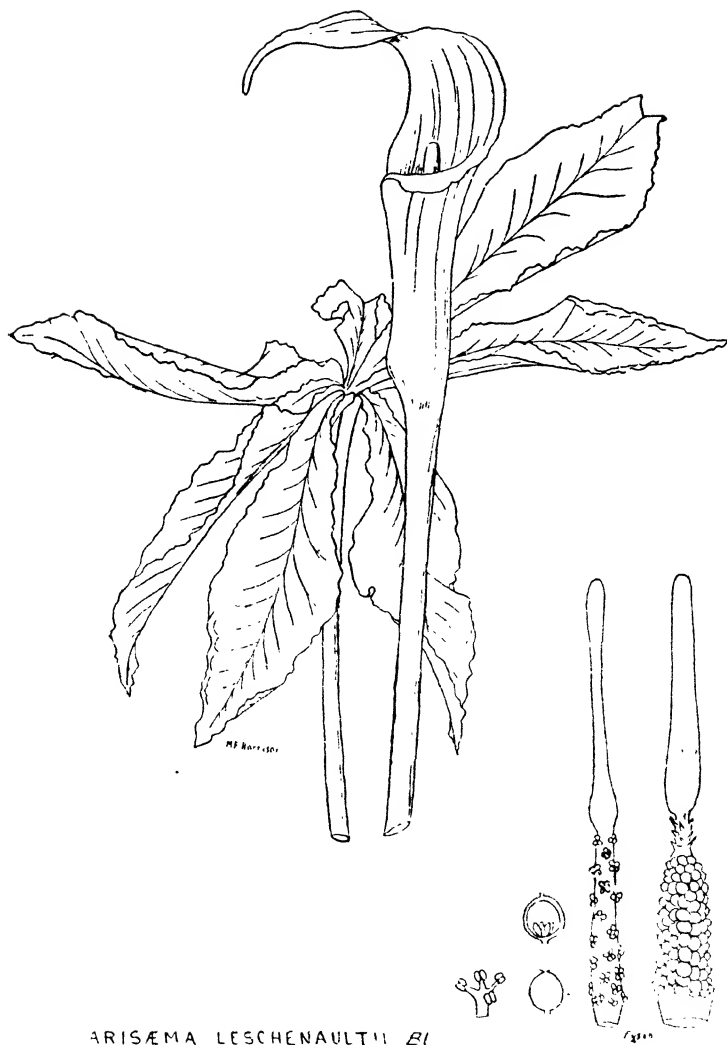
CYANOTIS ARACHNOIDEA Clarke

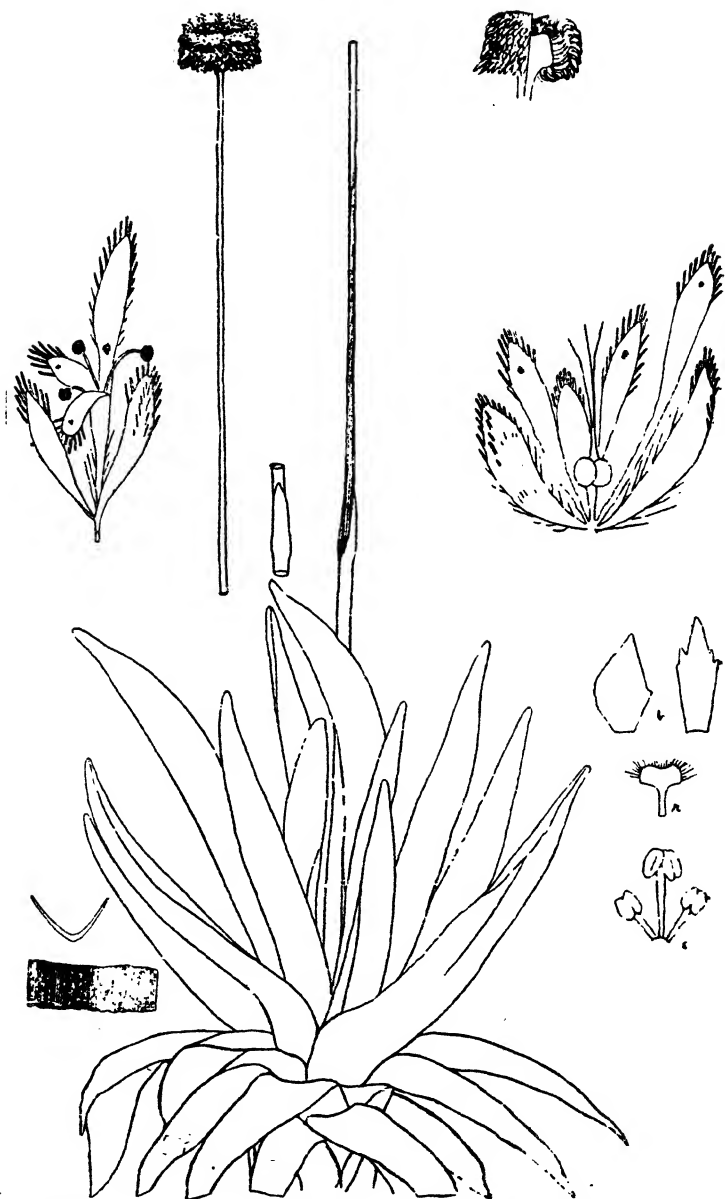


R. Nateson

JUNCUS PRISMATOCARPUS



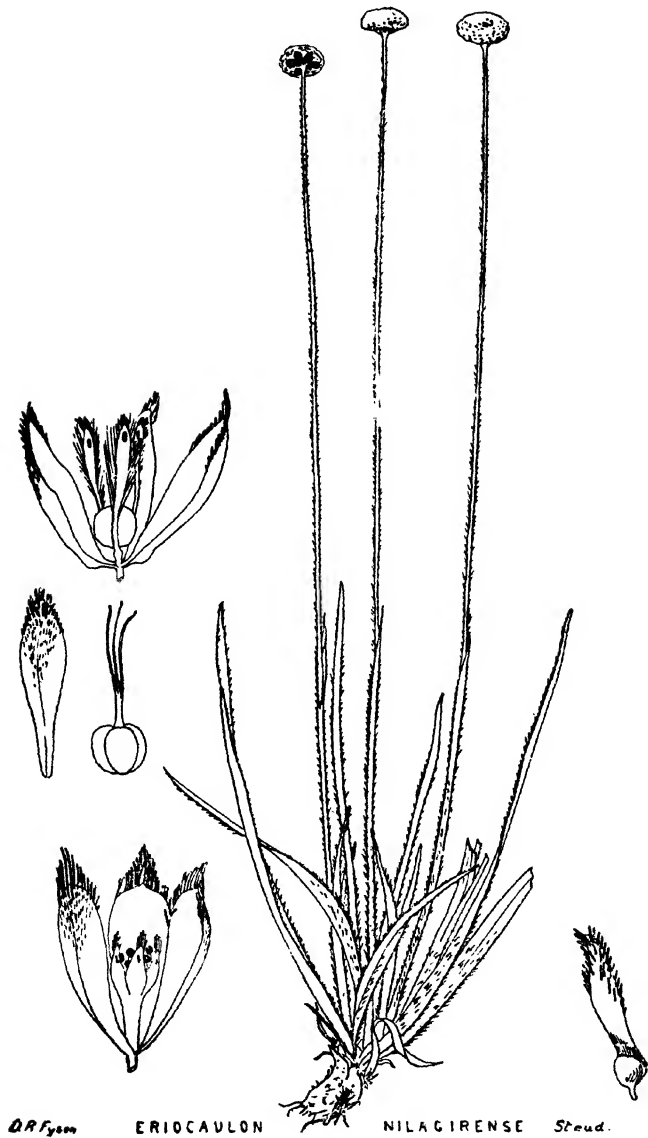




R. Nateson

ERIOCAULON ROBUSTUM

Spreng.



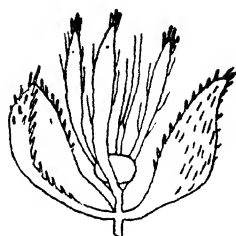
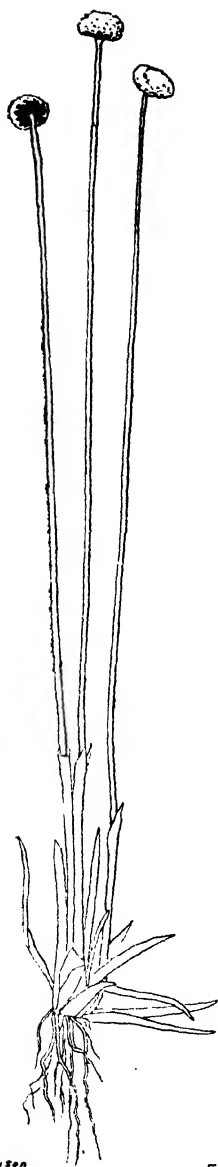
D. F. Sym.

ERIOCAULON

NILAGIRENSE

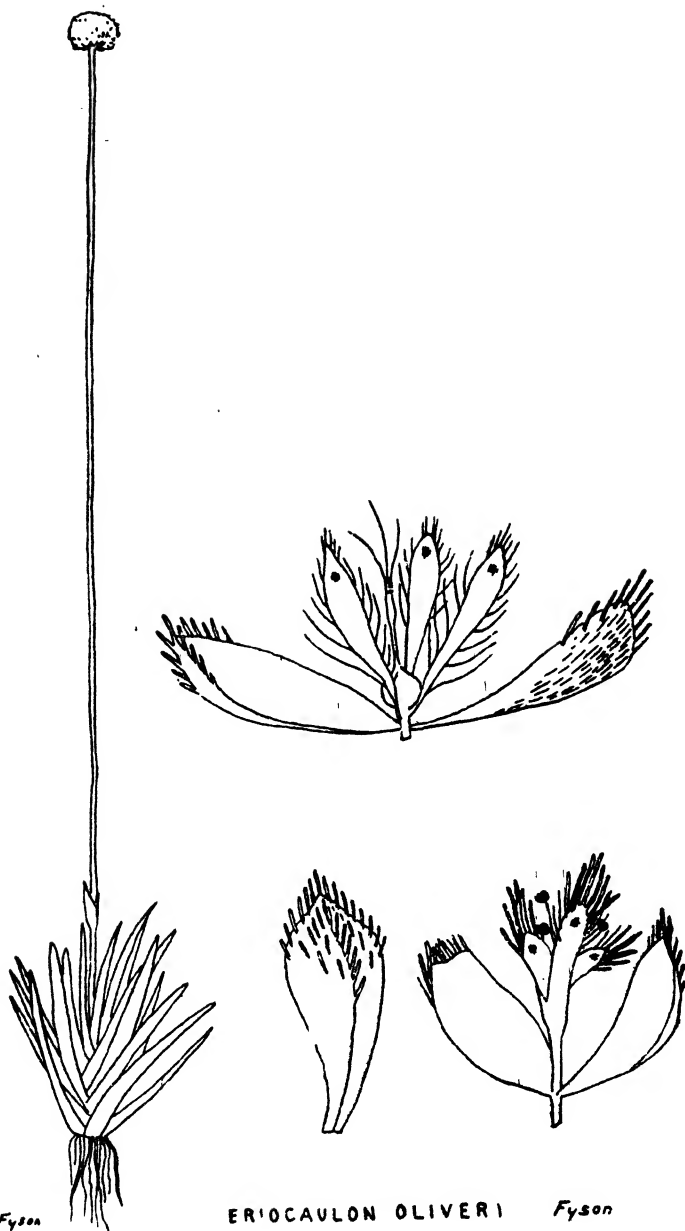
Steud.

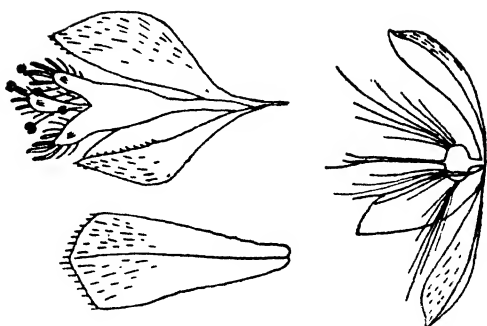
*D.R. Fyson**ERIOCAULON COLLINUM* *Hook.*



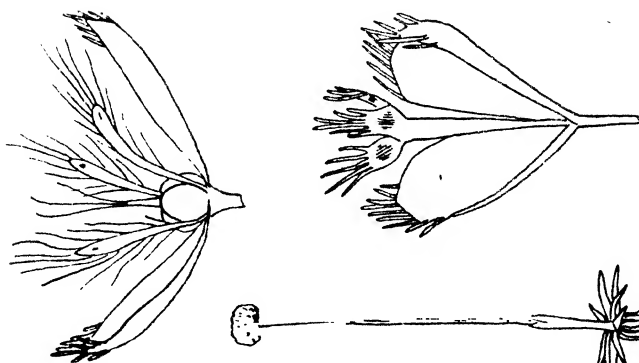
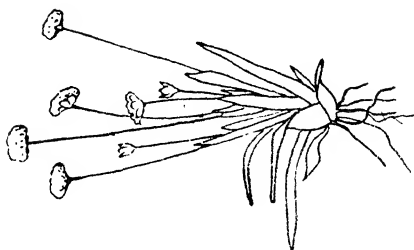
D. R. Fyson

ERIOCAULON CHRISTOPHERI *Fyson*

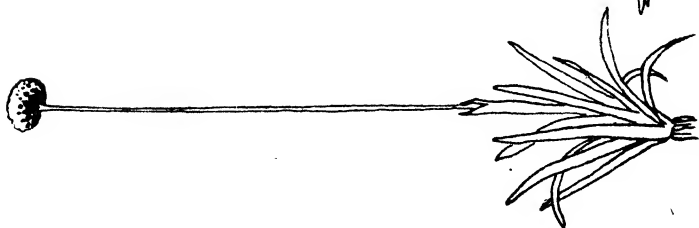
*D.R. Fyson**ERIOCAULON OLIVERI* *Fyson*



ERIOCAULON MARIE Fyson



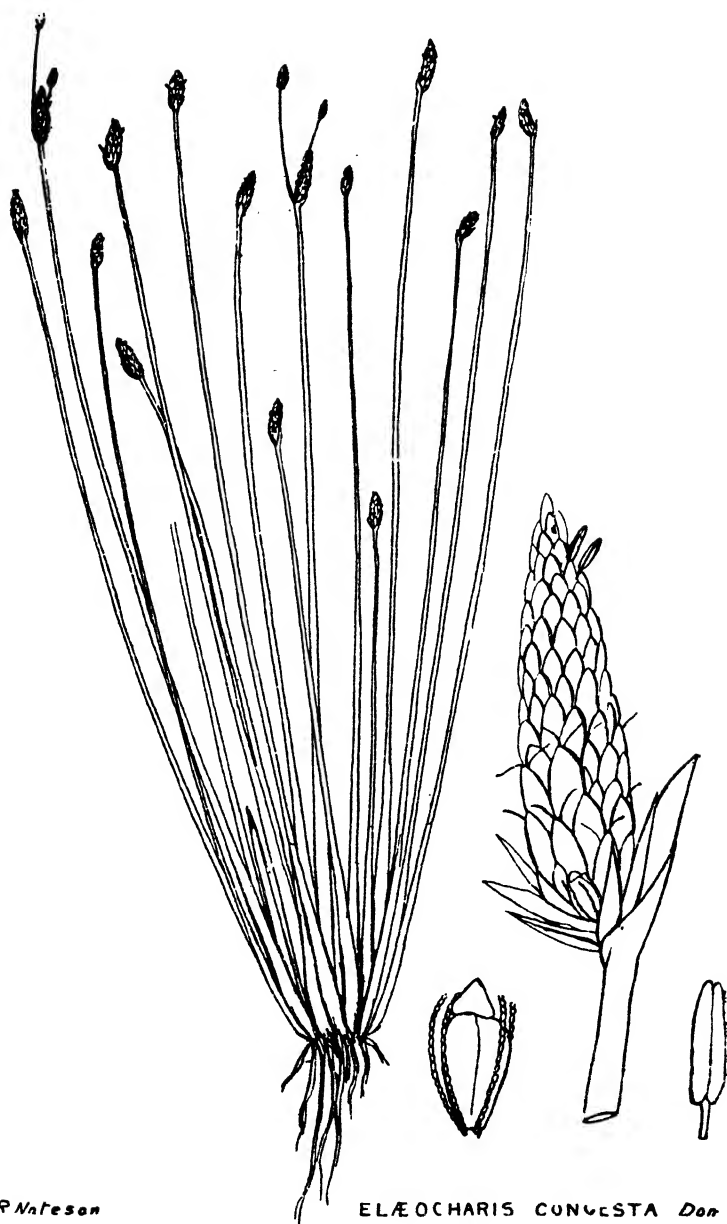
ERIOCAULON GEOFFREYI Fyson



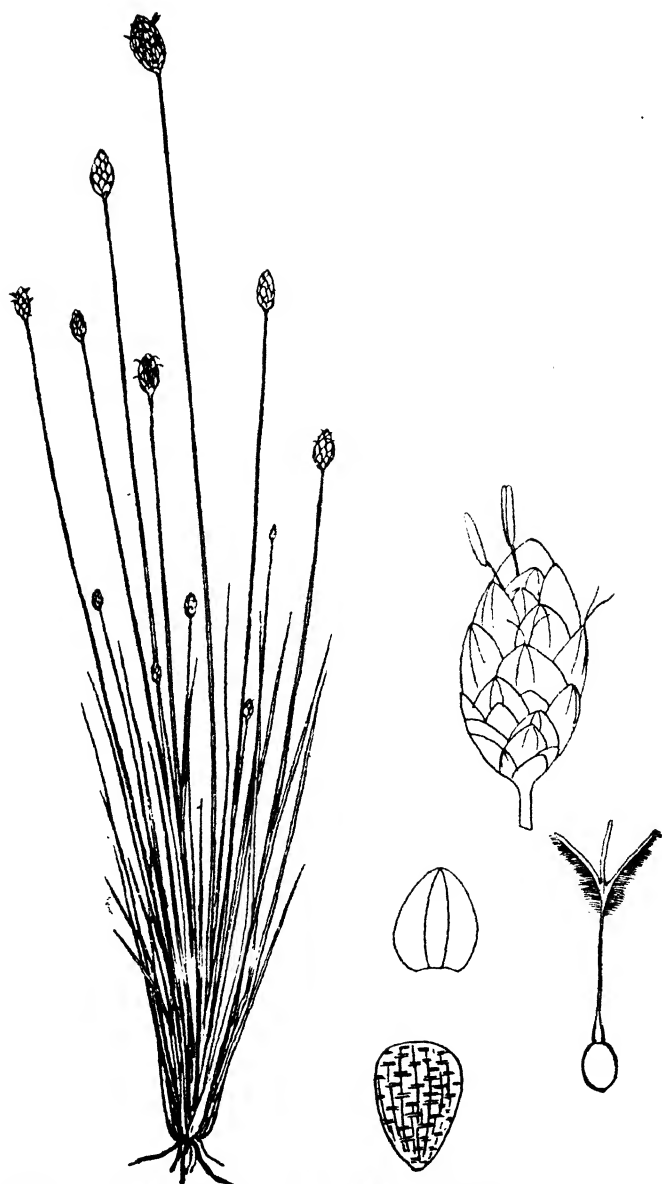
D. R. Fyson



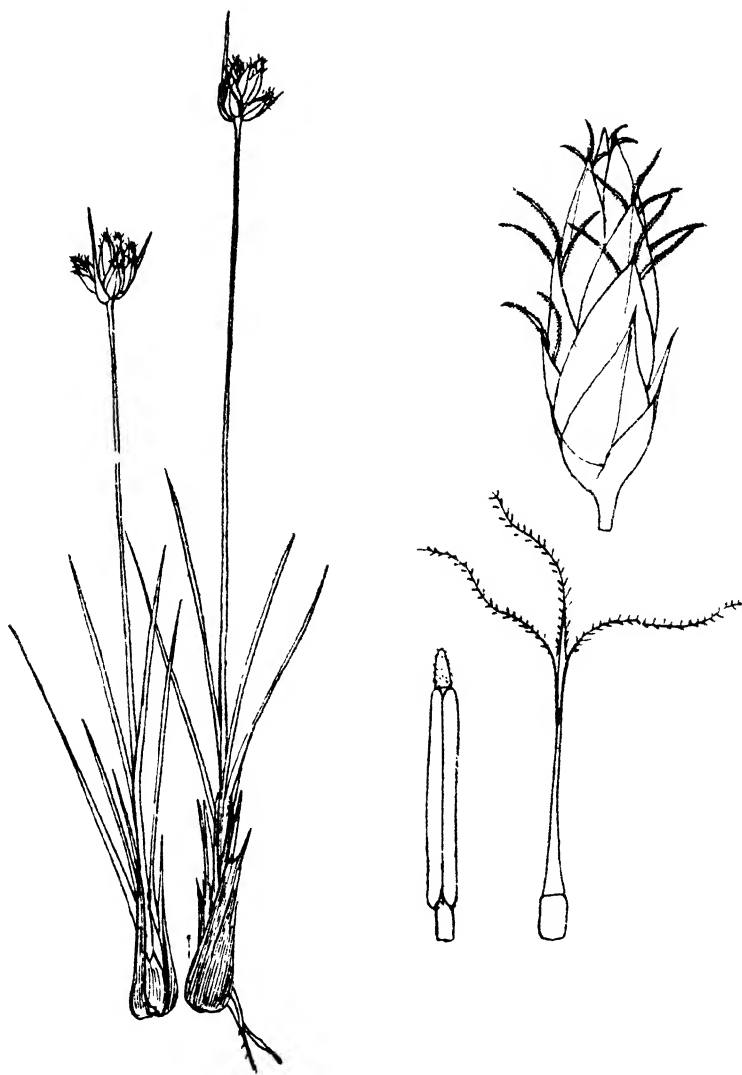
R. Natesan. KYLLINGIA MELANOSPERMA *Nees.*

*R. Nateson*

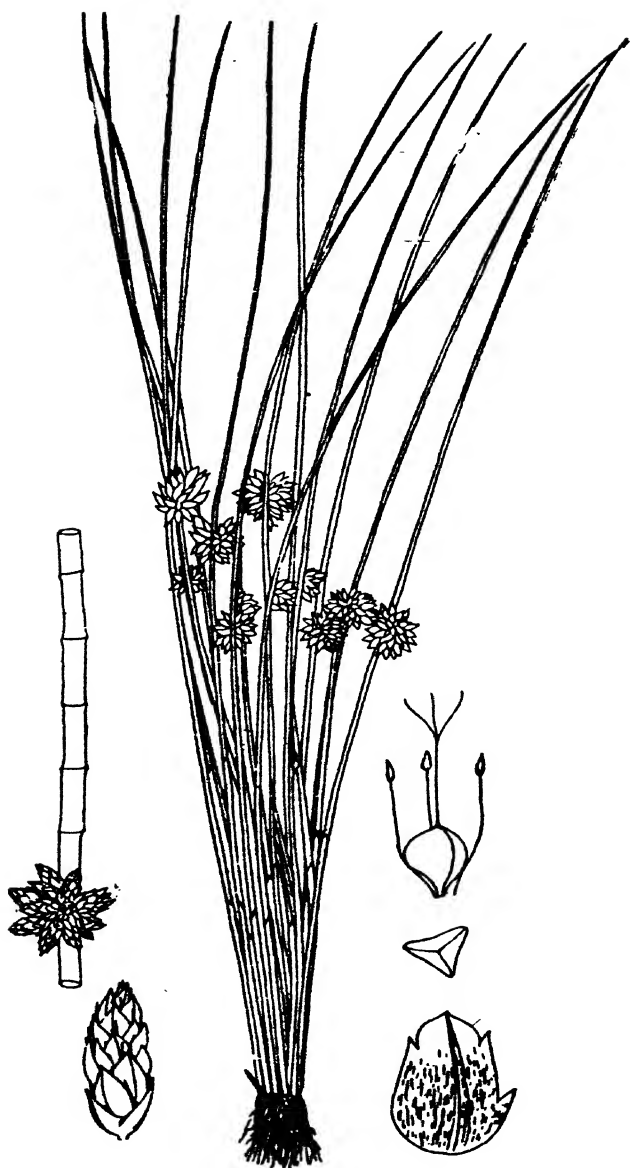
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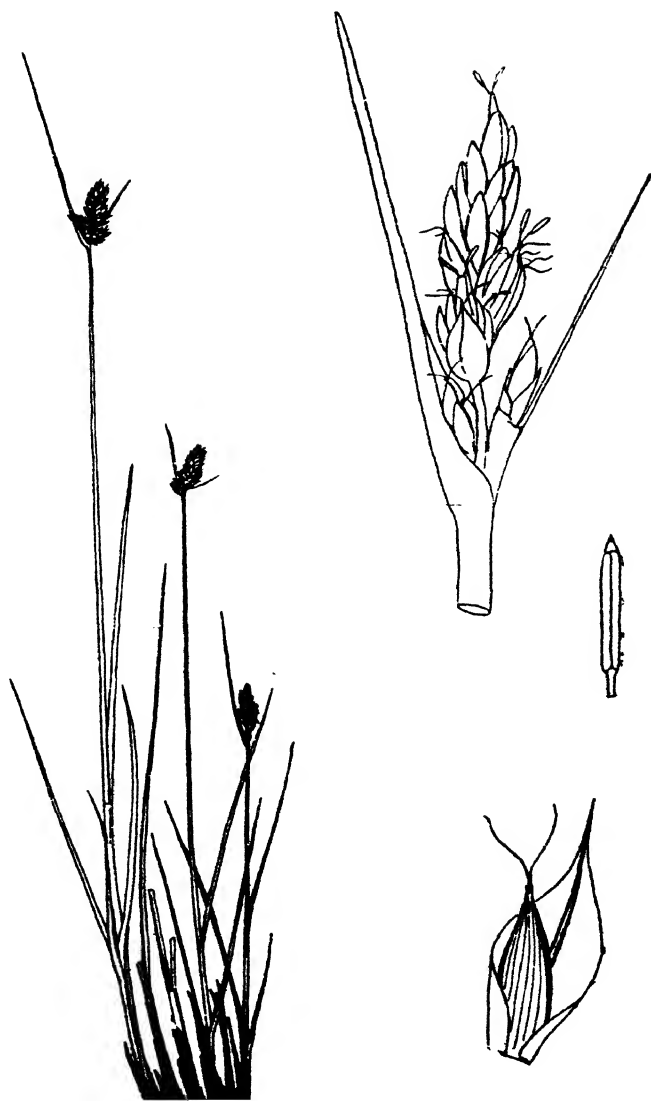


Fimbristylis subtrabeculata

*R. Natesan*

FIMBRISTYLIS ULIGINOSA Steud.

SCIRPUS ARTICULATUS *Linnaeus*.

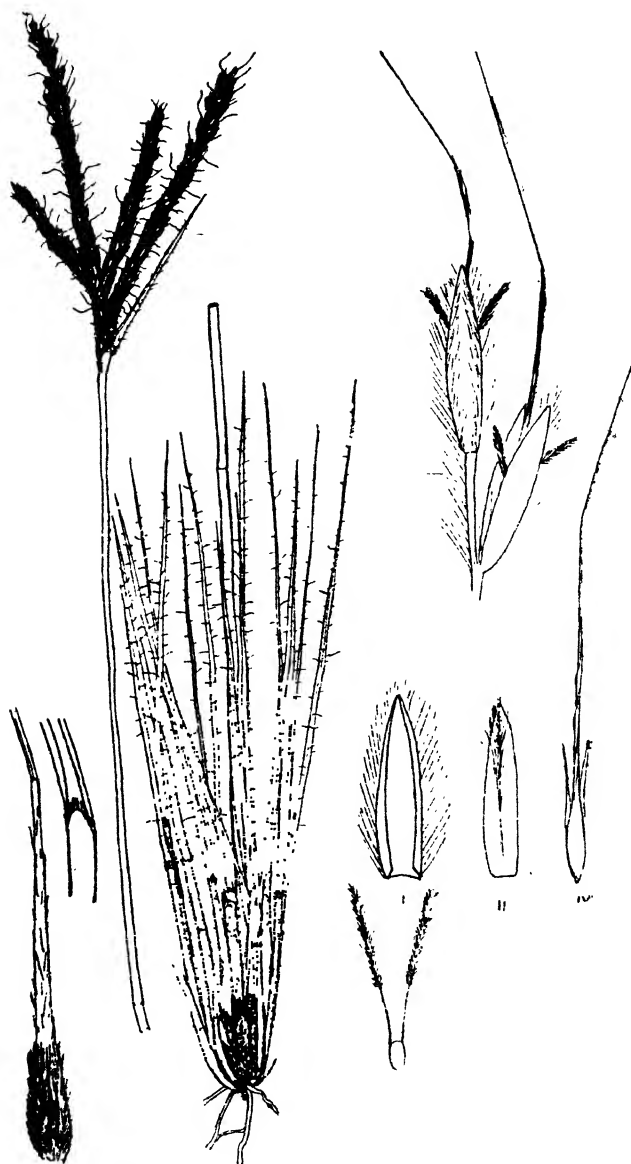


R. Robinson

Bo

CAREX NUBIGENA Des



*R. Nelson*POLLINIA PHÆOTHRIX *Hoch*

*R. Nansen*

ANDROPOGON FOULKESII Hook. f.

